# FastRawViewer



# Tips for a Quick Start
## (version for Mac OS X)

LibRaw

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**Assessing the Image**

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### Preferences

- **Menu** -> **FastRawViewer** -> **Preferences**

### A Gear Icon at the Top of Panels or Bars

### Keyboard Shortcut Editor

- **Menu** -> **File** -> **Keyboard Shortcuts**

### User Manual

- *comes with the* **installation of FastRawViewer**
- **Menu** -> **Help** -> **Online manual**
- **http://www.fastrawviewer.com/usermanual**
  *(can be downloaded in .pdf format as well)*
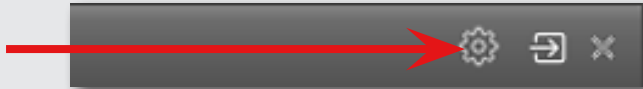
### Quick Start Tips

- **Menu** -> **Help** -> **Usage tips**
- **http://www.fastrawviewer.com/tips-and-videos**
  *(to download in .pdf format)*

### Customer Support

- **support@fastrawviewer.com**

## Tuning Preferences *(#1)*

Why do we have **Preferences** in FastRawViewer?

Preferences  allow to set useful features, including tailoring to your needs the modes that facilitate file browsing, image inspection, further raw processing, image presentation, etc.
For example, to enable certain *Focus Peaking* modes, look into **Preferences**.

Spending some time on Preferences will help you understand **FastRawViewer** better and use it more efficiently:

- Press ⌘,      *or*      **Menu** -> **FastRawViewer** -> **Preferences**

| FastRawViewer | File | View | Adjust | Select/Batch | Panels | XMP Metadata | Help |

About FastRawViewer

Preferences...    ⌘,

Services    ▶

Hide FastRawViewer    ⌘H
Hide Others    ⌥⌘H
Show All

Quit FastRawViewer    ⌘Q
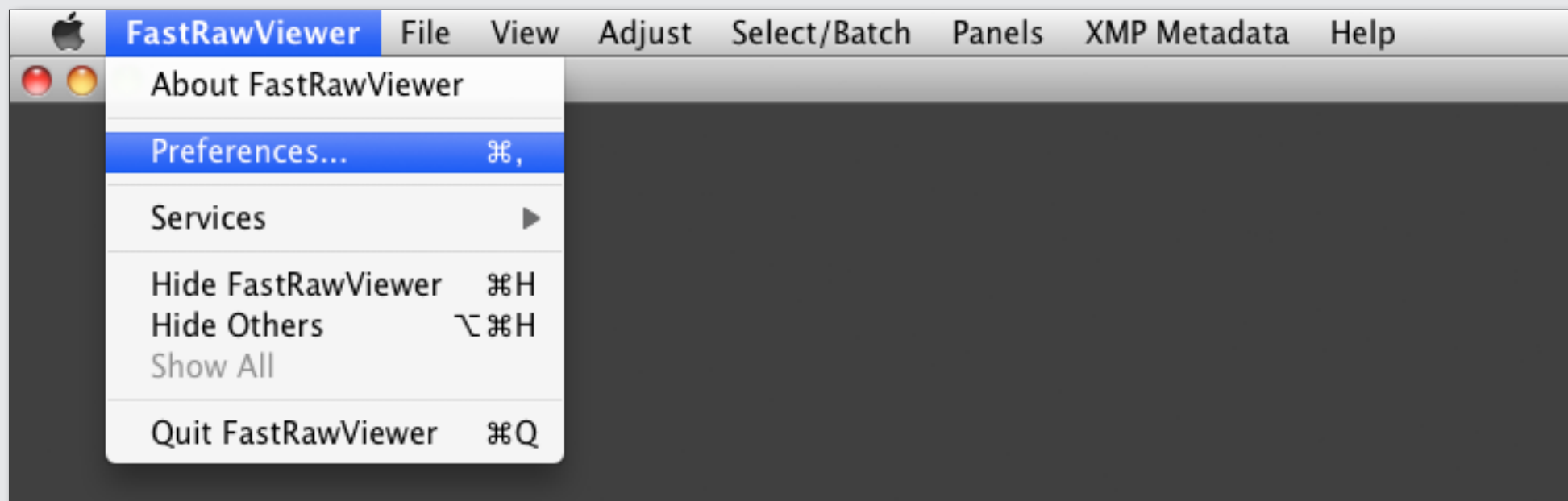
## Tuning Preferences *(#2)*

If you feel that some feature is missing or inconvenient, or you don't know how to set it, please check the **Preferences** menu and adjust as necessary, and if it is not there, please email us or visit our forum.
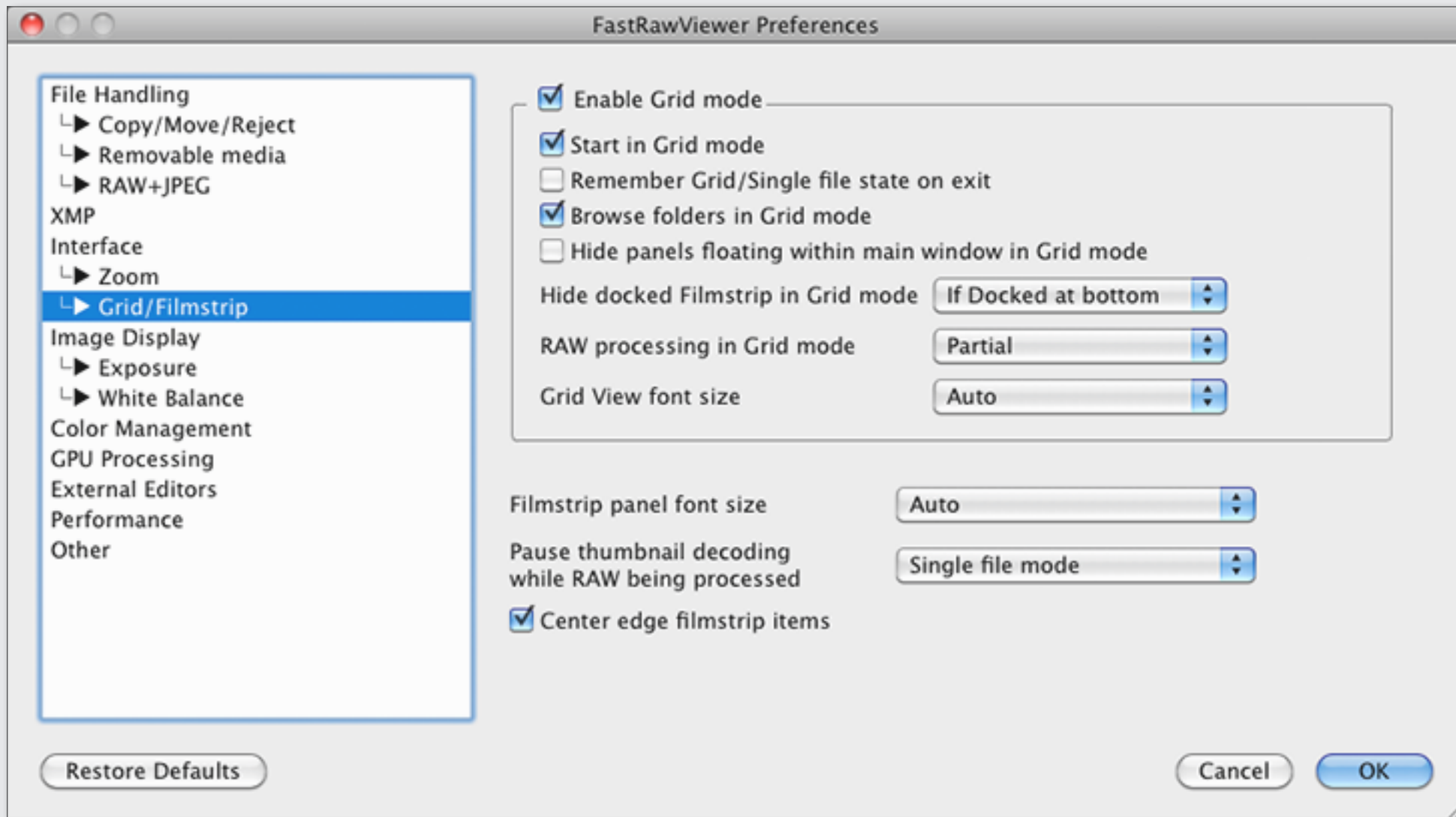
## Examining Keyboard/Mouse Controls *(#1)*

FastRawViewer is designed to be controlled mostly with keyboard and mouse, without much reaching for menus.

You can examine the default/current key/mouse control combinations and change them to your preferred ones anytime:

- Press ⌘K  *or*  **Menu** -> **File** -> **Keyboard Shortcuts**
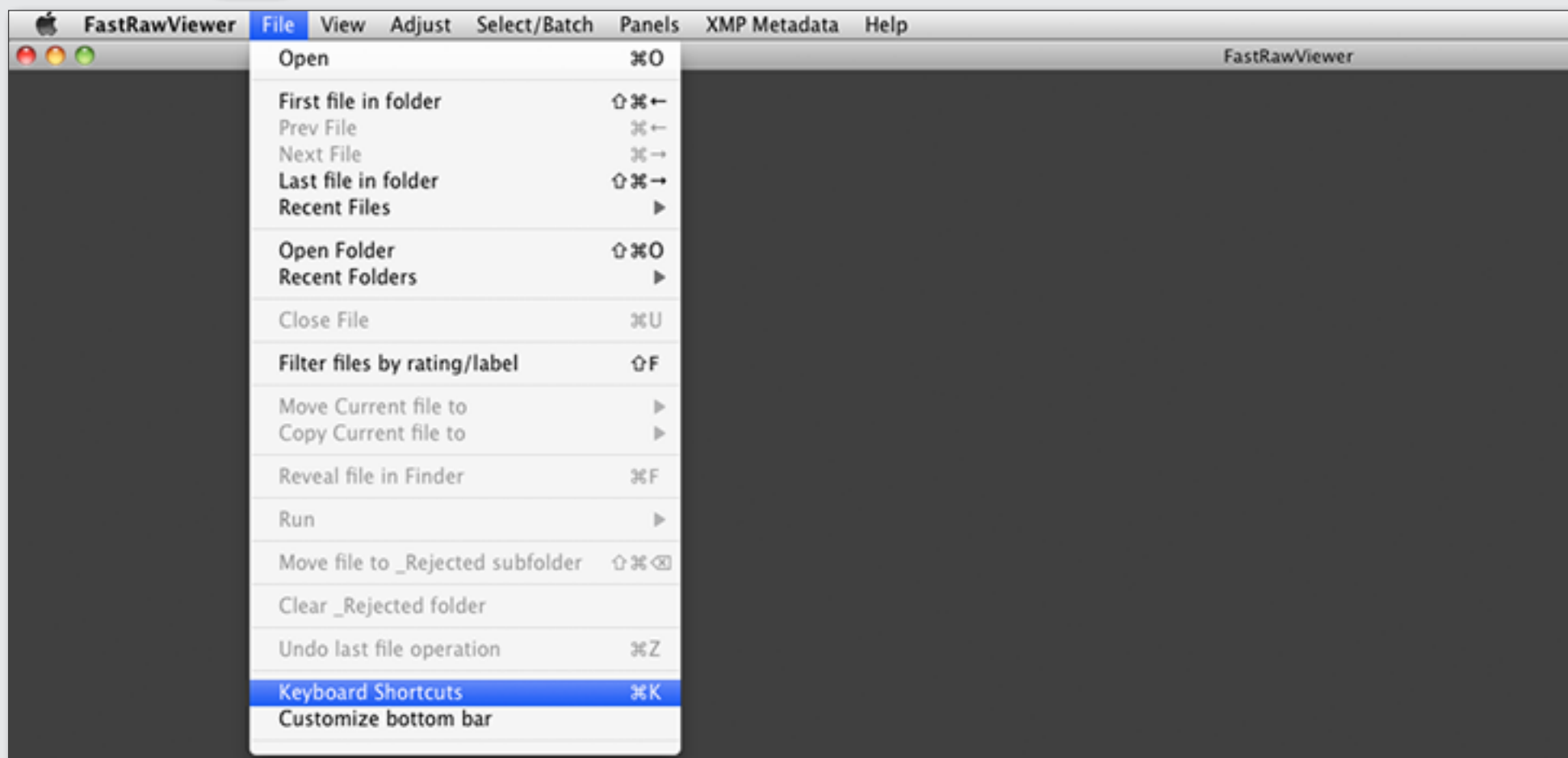
## Examining Keyboard/Mouse Controls *(#2)*

We suggest that you spend some time familiarizing yourself with the shortcuts with the help of the **Keyboard Shortcuts Menu**, **tips**, and **FastRawViewer Manual**; it is not just an overview of the program *(that is, showing what can be done in FastRawViewer)*, but will also help you to do more things in less time.

## Changing Keyboard/Mouse Controls

Many features are already pre-programmed and assigned to shortcuts. Nevertheless you can change the shortcuts so that they will be similar to the ones you use with other graphic programs.



*Press here to delete the Shortcut Combination*

*Press here to add a Shortcut Combination*

*Press here to change a Shortcut Combination*

If you feel that some feature or shortcut is missing or inconvenient, please check the **Keyboard Shortcuts Editor** and adjust as necessary, and if it is not there, please let us know.

## Changing Background, Panels Color Scheme and Font Size

- **Menu** -> **FastRawViewer** -> **Preferences** -> **Interface**

The background or panel color scheme can be changed to any shade of grey, from black to white. Also, the bottom bar or panel's font size can be changed.

## Tuning Settings for Grid View and Filmstrip Panel

- **Menu** -> **FastRawViewer** -> **Preferences** -> **Grid/Filmsrtip**
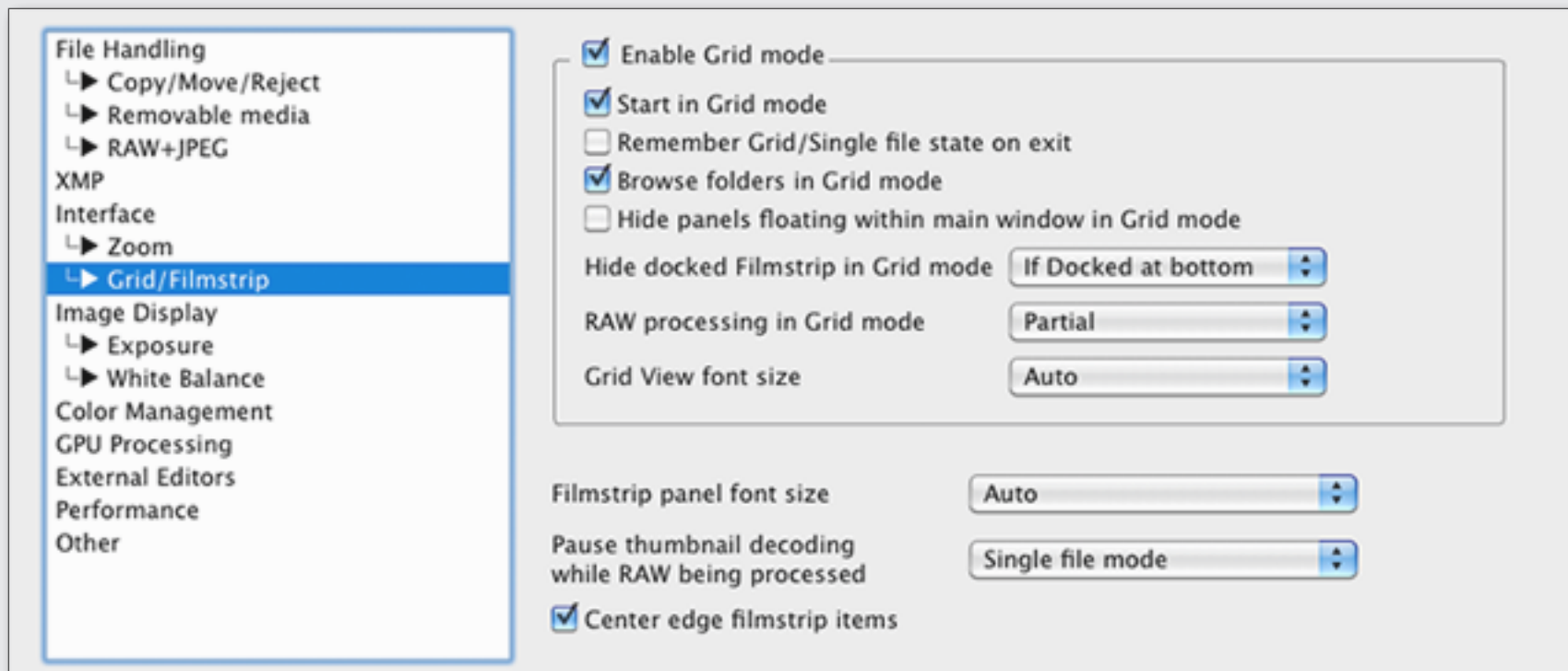


## Switching between Grid View and Single Image View Modes

- **Menu** -> **FastRawViewer** -> **View** -> *Switch to single image/Switch to Grid view*      *or*   G

## Control Panel Display in Grid View Mode

To switch display of the Histogram and the Exposure Statistics for the selected image in Grid mode "on" and "off" press *a graph icon* at the Raw Histogram Panel.

## Choosing EXIF data to be displayed

EXIF data is now displayed in Grid Mode without any additional user actions.

EXIF data can now be displayed right in the Grid/Filmstrip above the thumbnail or below the thumbnail. The settings for EXIF data display are accessible through the *"gear icon"* separately for the Grid and Filmstrip modes.
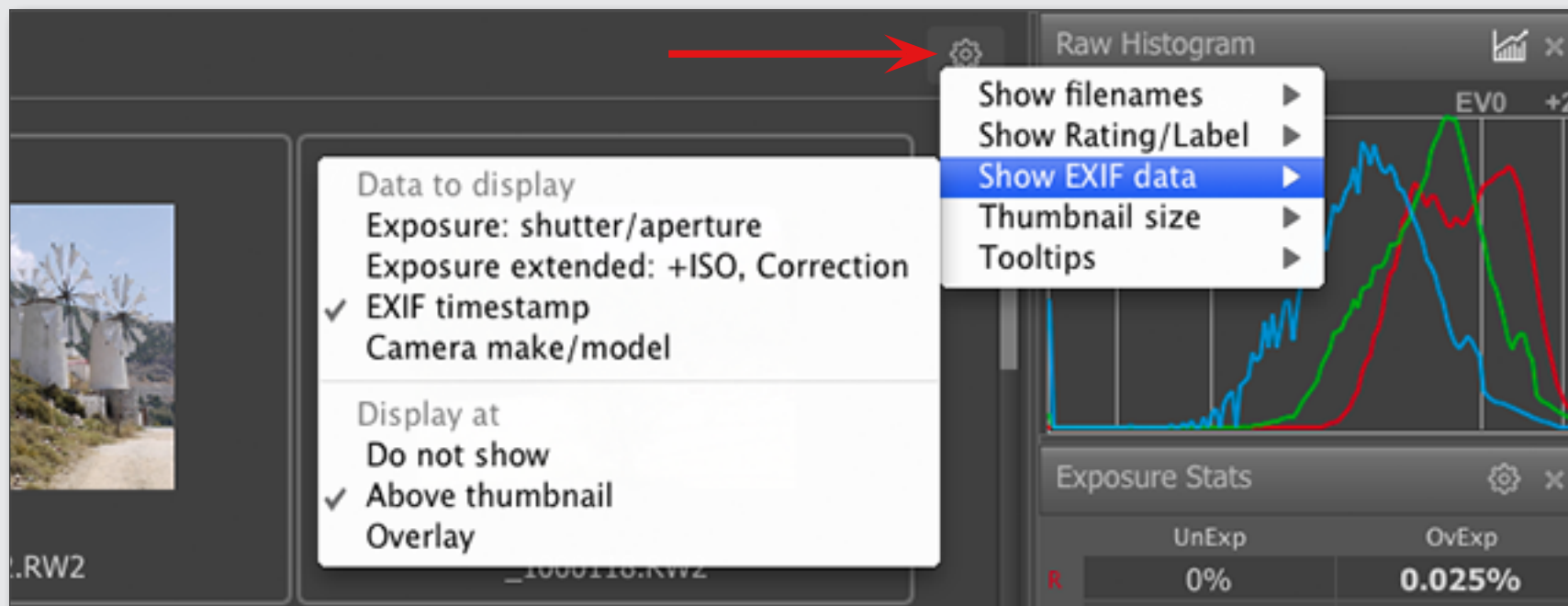
## Arranging Panels

1. All panels can be placed anywhere on the screen or even other monitor — *just drag-and-drop it where you want it to be.*

2. If the Filmstrip panel is outside the program window, it can be easily organized into a light-table.

3. The filmstrip can be docked at the top, bottom, or left side of the main window. All other panels — at the right or left side. You can dock a panel to the most recent docking position by pressing *an arrow icon.*
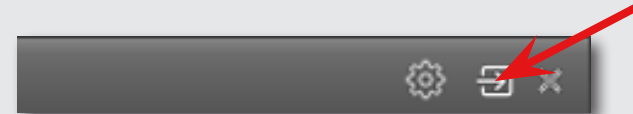
## Grid View Mode and Panels Settings Customization

A little gear icon at the top right corner of a panel *(or the top left corner of the filmstrip placed at the bottom)* allows customization of the panel or bar.

## Toggle Panel Display

1. Every panel can be toggled open and closed through:

   - **Menu** -> **Panels**  <u>or</u>  a keyboard shortcut *(default or assigned)*

   To change panels keyboard shortcuts, please look at:

   - **Menu** -> **File** -> **Keyboard Shortcuts**  -> **Information Panels**

2. The  Tab  key toggles <u>all presented on the screen</u> panels **hide** and **unhide** together.

## Bottom Bar Customization

1. Open **Bottom Bar Customization Dialog**

- Through the *gear icon* at the lower right corner of the **Bottom Bar:**

**Edit Preferences**
**Edit Keyboard shortcuts**
**Customize bottom bar**

*Press here to open*
*Bottom Bar Customization Dialog*

*or* through

- **Menu** -> **File** -> **Customize bottom bar**

*or* through

- **Menu** -> **FastRawViewer** -> **Preferences** -> **Interface**

*press the button* ⟶ Edit bottom bar items

2. At the **Bottom Bar Customization Dialog** choose Bottom Bar options to be displayed *(see the image to the right).*

Set bottom bar items visibility

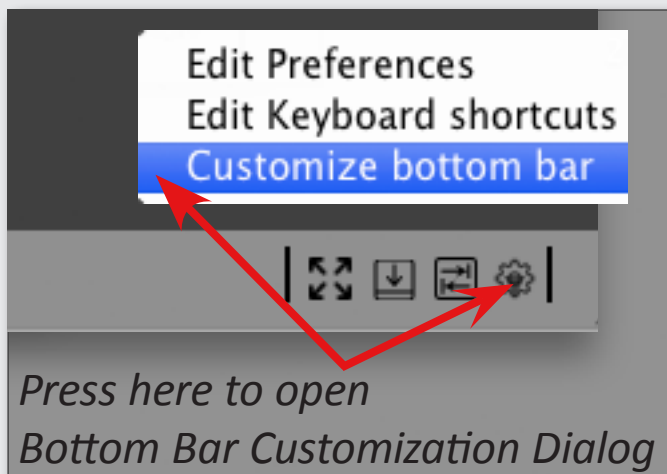|  | Visibility | | |
| --- | --- | --- | --- |
| Bottom bar item | always | if fits | hide |
| Open File button | ● | ○ | ○ |
| File navigation buttons | ● | ○ | ○ |
| Current folder | ○ | ○ | ● |
| Current filename | ○ | ● | ○ |
| Current image size | ○ | ○ | ● |
| EXIF summary | ○ | ● | ○ |
| Zoom ratio and zoom buttons | ○ | ○ | ● |
| File load/processing time | ○ | ○ | ● |
| RAW/JPEG switch buttons | ● | ○ | ○ |
| R-G-B-BW channel selector | ○ | ● | ○ |
| Focus peaking, Shadow boost, Highlights inspection, USM | ● | ○ | ○ |
| Exposure control buttons | ● | ○ | ○ |
| Over/Underexposure buttons | ● | ○ | ○ |
| White balance presets | ● | ○ | ○ |
| White balance manual tune | ○ | ● | ○ |
| Contrast display and adjustment | ○ | ● | ○ |
| Rotation control buttons | ○ | ● | ○ |
| XMP Rating buttons | ○ | ○ | ● |
| XMP Label indicator | ○ | ○ | ● |
| XMP Label buttons | ○ | ○ | ● |
| Fullscreen, hide/show filmstrip/dock, and customize buttons | ● | ○ | ○ |

Text fields (Filename,EXIF) width: Auto

Defaults          Cancel    OK

## Color Management

**Menu** -> **FastRawViewer** -> **Preferences** -> **Color Management**

### If you use Custom monitor profile

Do not override if the system color profile is already the one you want to use;  in this case
"***Use color profile of display***" is enough.

☑ Use color profile of display upon which FastRawViewer launches

(Profile description: ib_macbook_PrePress.icc)

Override display color
profile:              path to ICC/ICM profile              ...

### If you use a Wide Gamut monitor

Try to use **Adobe RGB** as the selected color space *("RAW processing color space" field)*

RAW processing color space     ✓ sRGB
                               **Adobe RGB**
Color space for untagged JPEGs   ProPhoto RGB

### If your Custom monitor profile is accurate

You may benefit from selecting **ProPhoto RGB** *("RAW processing color space" field)*

### If you use a generic monitor with a canned profile

The image may look better with color management **off**
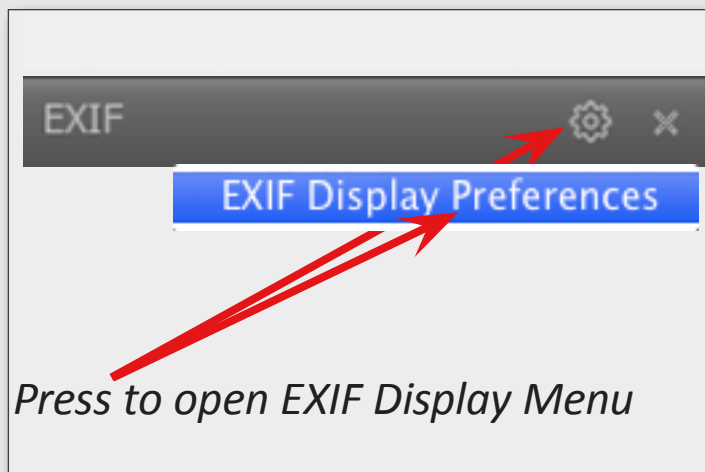*(leave the box "Enable Color Management" at the top of Color Management Menu unchecked)*

☐ Enable Color Management

## Customization of EXIF Fields display

1. At the top right corner of the EXIF Window:

*Press to open EXIF Display Menu*

2. Choose EXIF fields to be displayed
   *(see the image to the right).*

### Select EXIF tags to display

↑↓ **Exposure summary**
☑ Shooting data: Exposure, correction, flash

↑↓ **What, Where, When**
☐ Image UniqID
☑ DateTime
☑ GPS: Position and altitude
☐ Doc.Name: Document name
☐ Img.Descr: Image Description tag
☐ Comment: User Comment tag
☐ Pana.Title: Panasonic additional title tags

↑↓ **Shooting Equipment**
☑ Camera: camera make and model
☑ Lens: lens data
☐ FW/SW: firmware or software version
☐ Computer: HostComputer tag
☐ Unif.Camera: Unified camera model
☐ Uniq.Camera: UniqueCameraModel tag
☐ Loc.Camera: LocalizedCameraModel tag

↑↓ **Shooting Parameters**
☑ Lens at: Focal length and aperture used
☐ Dig.Zoom: DigitalZoomRatio tag

☑ Do not show empty values
☑ Show row labels

( Defaults )          ( Cancel )    ( OK )

## Access Files and Folders Using Folders Panel

Folders and files can be accessed through a folder tree.

### Working with a Memory Card

1. When you mount removable media in your system, it will immediately appear in the folder tree.

2. If you don't need it anymore, you can eject it directly through the Folder panel *(right click on removable media folder name and choose "Unmount  removable media)*.

3. You can have the most recently created subfolder on the removable media be opened in the DCIM folder:
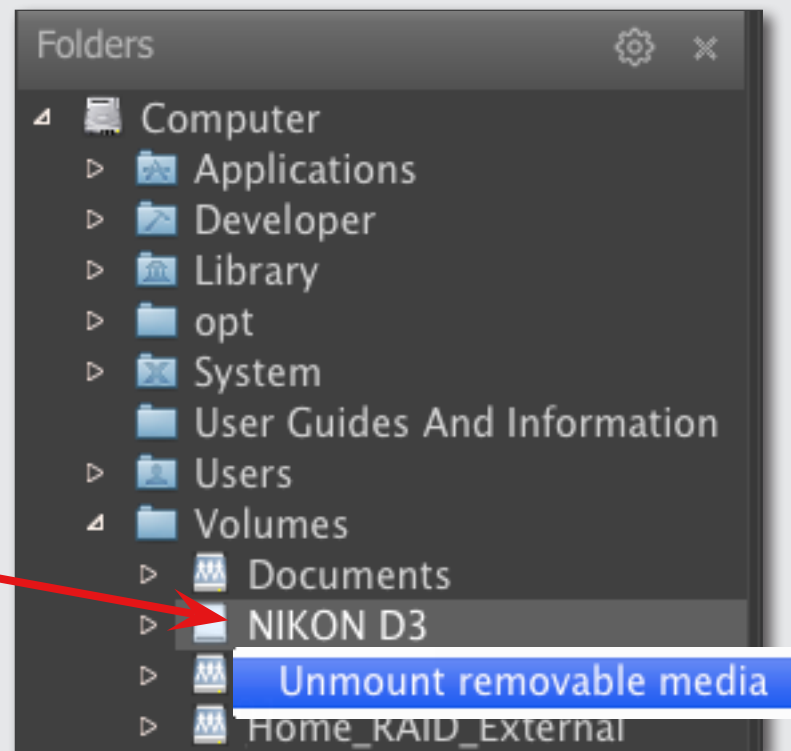
**Menu** -> **FastRawViewer** -> **Preferences** -> **Removable media**
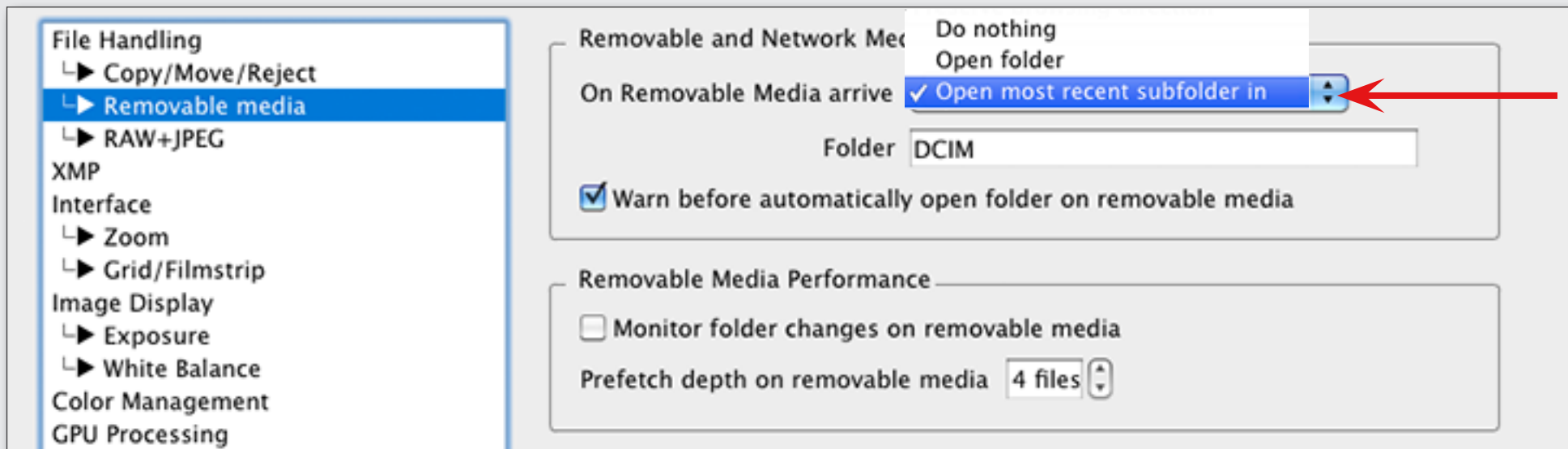
## Editing the Folder Tree

The Folder panel settings now contain a setting to **Enable add/rename/remove folders** *(access through gear icon)*.

Also here you can disable Drag and Drop from Grid/Filmstrip/Single View to the folder tree *(enabled by default) and* switch on **Folder tree autoexpand on drop target selection**.
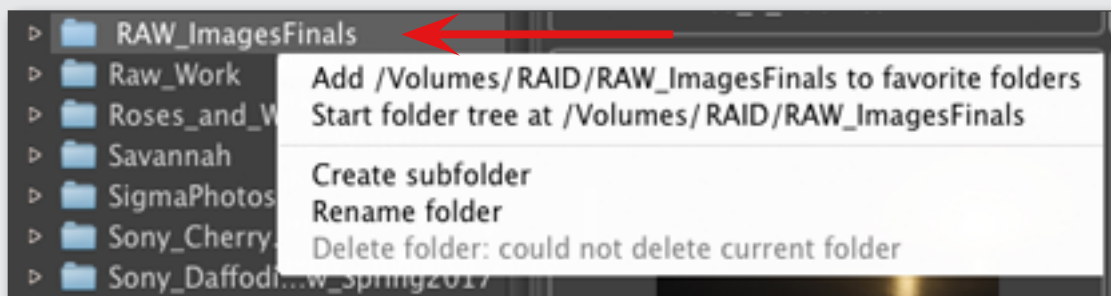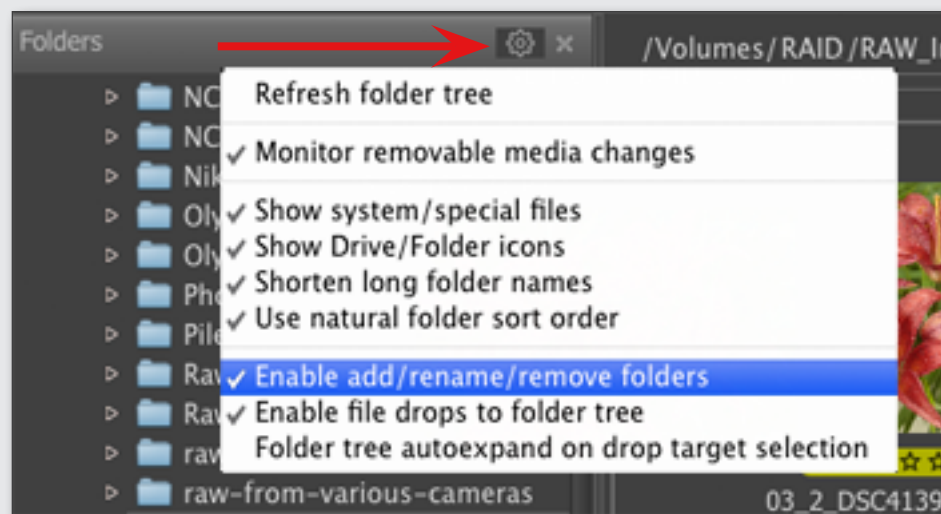
When **Enable add/rename/remove folders** is on, you can choose the desired action in the context menu *(right-click on the folder)*:

## Drag-and-Drop Files to Folder Tree

The folder which is currently under the drop cursor is automatically highlighted in red.

You can not only drop files into the Folders panel, but also into the Favorite Folders panel.

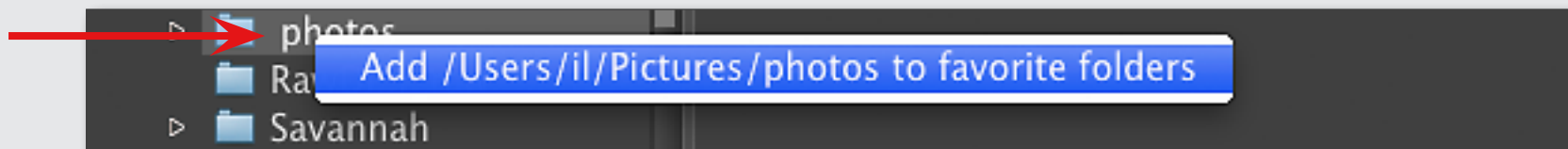With default settings, the dropped file is copied, not moved.
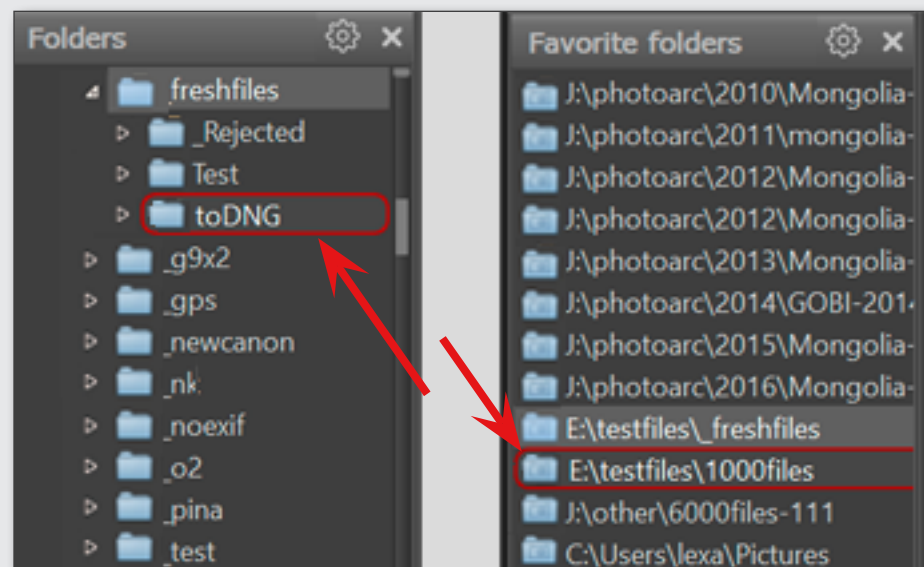
## Working with the Favorite Folders Panel

This panel allows one to keep a list of often-used folders, and lets one readily access them.

### Add a Folder to Favorite Folders

1. Right-click on the selected folder in the Folder tree and use the appearing context menu.



2. Highlight the selected folder in the **Folder Tree** and press the **Gear** icon on the **Favorite Folders** panel to access the context menu.
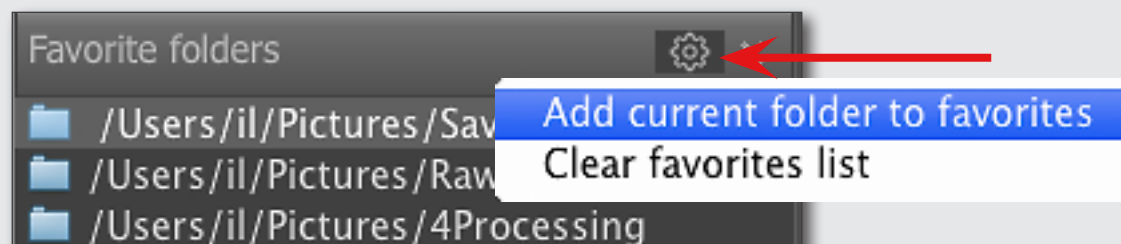


### Remove a Folder from Favorite Folders

1. *Right-click* on the selected folder in the **Favorite Folders** and use the appearing context menu.
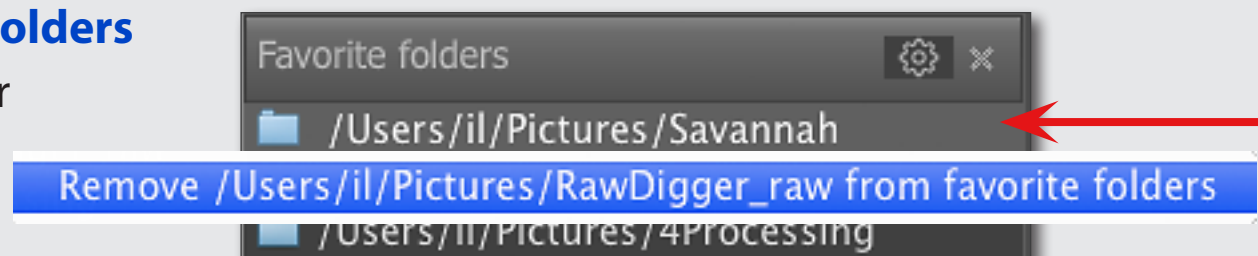


### Open folders

2. *A click* on an item *(folder)* in this list opens the chosen folder in the **Filmstrip/Thumbnails** panel

3. *A double-click* opens an item in the **Filmstrip/Thumbnails** panel and loads the first file in the main window.

### Clear Favorite Folders List

1. Press the **Gear** icon on the **Favorite Folders** panel to access the context menu.

## Grid View Mode

If **FastRawViewer** is launched without indicating a filename, it will start in **Grid View** mode, displaying the thumbnail previews of all of the supported files from the selected folder *(current folder, if switched to Grid View mode from Single FileView mode)* :
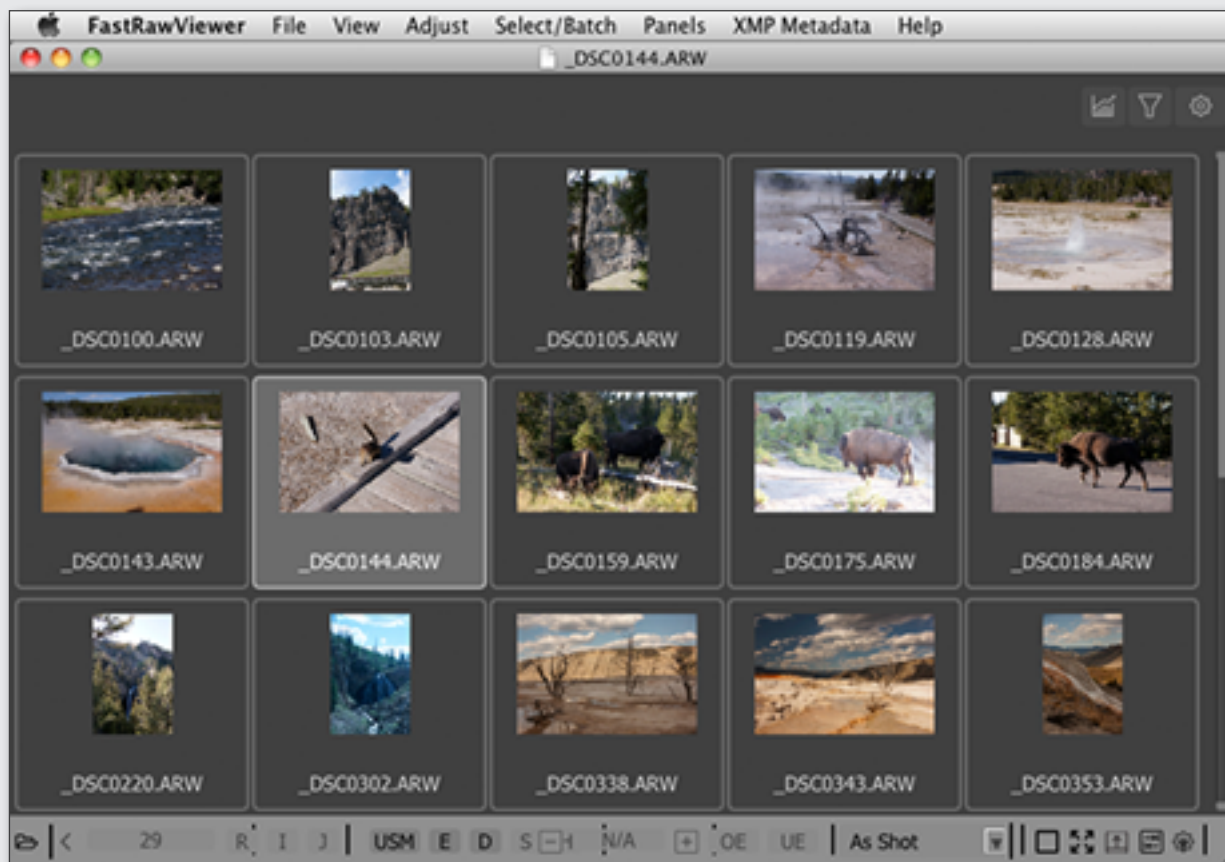


### Navigating files

• Keyboard: **arrowkeys** *in the main window*, **PgUp/PgDn**, **Home/End**; customizable shortcuts for **Next File/Prev. File** and **First/Last File** in folder.

• Mouse: the wheel scrolls through the contents of the folder up and down.

### Switching to Single File View Mode

• A double-click on a file in the grid   *or*   Enter

• **Menu** -> **View** -> **Switch to single image**   *or*   G

## Single File View Mode

If **FastRawViewer** is launched over a specific file *(for example, by dropping a RAW file onto the program's icon, or by double-clicking a file which is associated with FastRawViewer, etc.)* it will start in **Single File View** mode.



### Navigating files

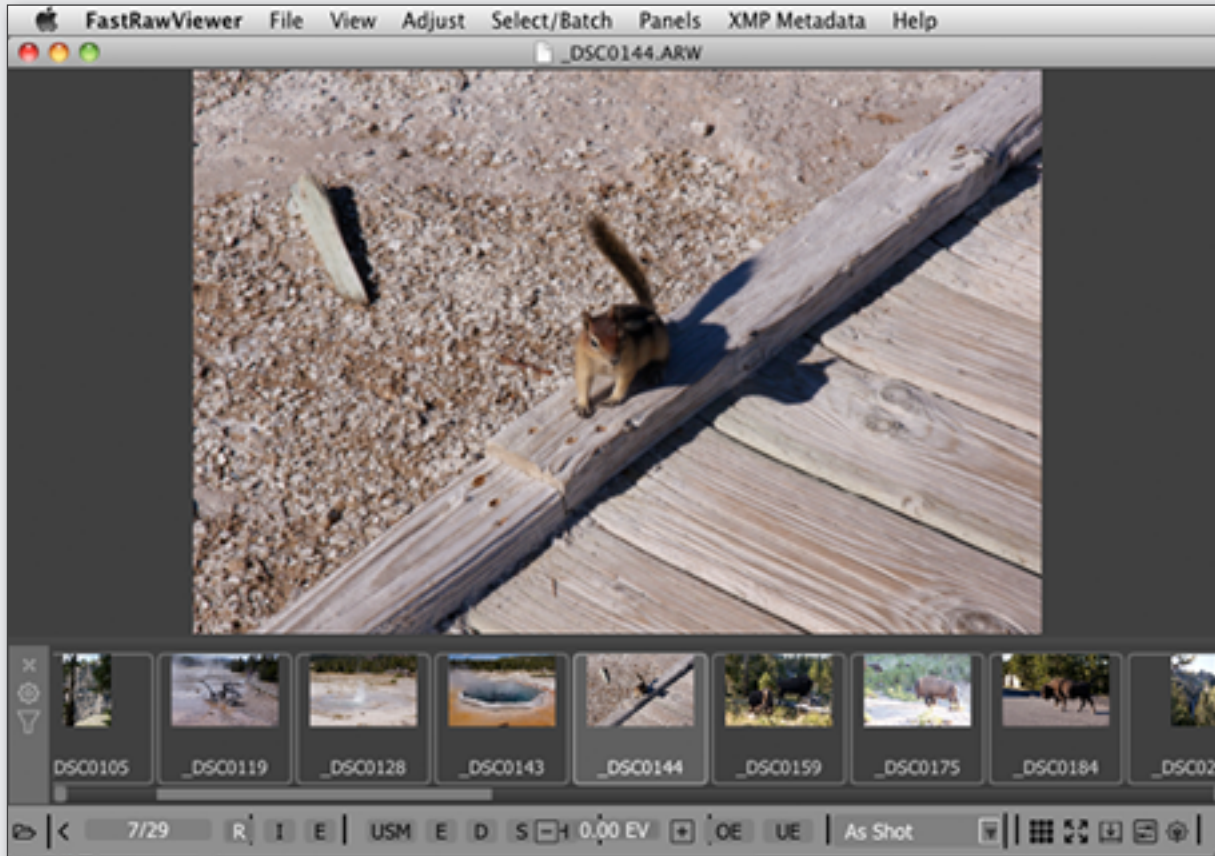- Keyboard: **arrowkeys** in the **Filmstrip,** customized shortcuts for **Next File/Prev. File** and **First/Last File** in folder.

- Mouse: the wheel scrolls through the contents of the Filmstrip left and right;

- Buttons for navigating through the current folder: previous file, number of file in the file list and the length of the list, next file;

## Switching to Grid View Mode

- **Menu** -> **View** -> **Close single image**  *or*  Esc  *(Esc/close single image also exits full screen mode)*
- **Menu** -> **View** -> **Switch to single image**     *or*    G

**Choose XMP Label and Rating Style**

- **Menu** -> **FastRawViewer** -> **Preferences** -> **XMP**

XMP rating and labels

☐ Use XMP Reject rating (used by Adobe Bridge)

XMP Label style  [ Review Status (Adobe Lightroom) ▲▼ ]

XMP Custom labels

| Select | Second |
|--------|--------|
| Approved | Review |
| To Do | |

☐ Write photoshop:Urgency tag with color labels (for PhaseOne C1)

☐ Read ratings/labels from XMP blocks embedded into RAW files

**Assign XMP Label and Rating to the Image**

- **Menu** -> **XMP Metadata**   *or*   corresponding keyboard shortcuts

**Change Keyboard Shortcuts**

- **Menu** -> **File** -> **Keyboard Shortcuts** -> **XMP Rating**

- **Menu** -> **File** -> **Keyboard Shortcuts** -> **XMP Labels**

## Sort & Filter Panel

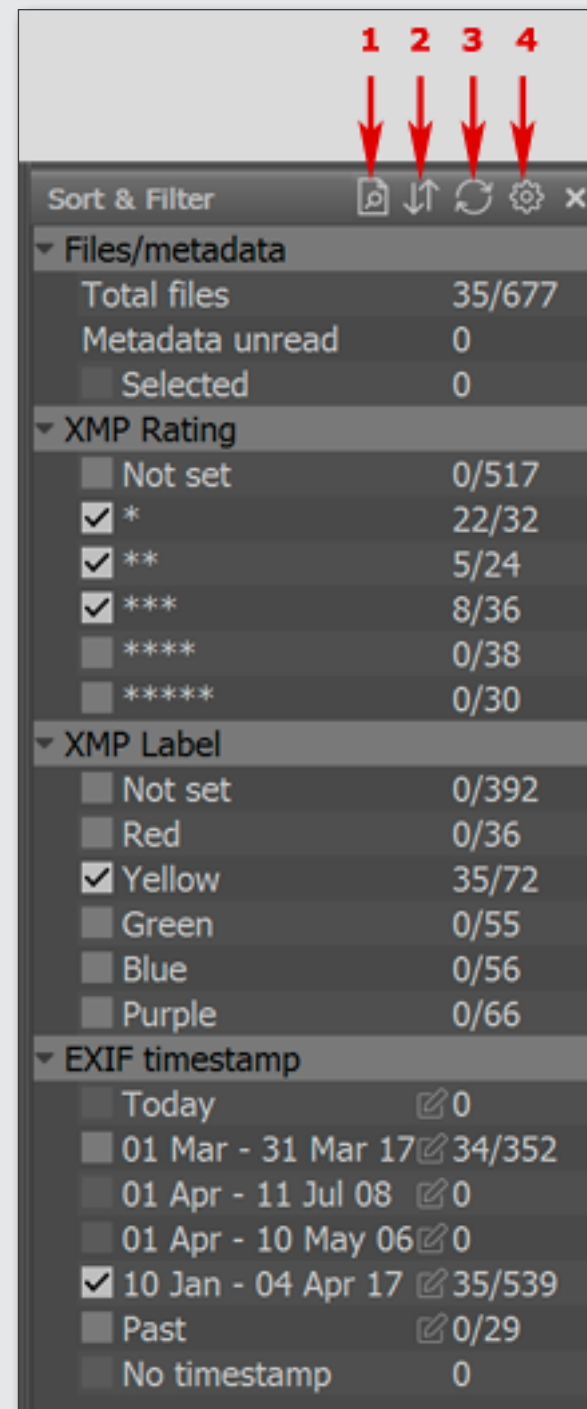The panel **Sort & Filter** controls the sorting and filtration of files.

The panel's icons at the title bar are follows:

1. Filter files by name/mask
2. File Sorting
3. Re-reading the current folder
4. Panel Settings.

**Sorting**: the sorting order can be changed on the fly.

**Filtration:**  chechboxes to the left of the sorting and filtering parameteres allows to define conditions , and only files that pass the filtering conditions will be displayed.

- In **XMP Rating/XMP Label** groups, you can set the desired combination of ratings and labels.

- In the **Exif Timestamp** group, you can select the necessary ranges of dates. You can edit those ranges if necessary.

- **Filtring files by name/mask** allows several different options to define files to be displayed.

| Sort & Filter | |
|---|---|
| ▾ Files/metadata | |
| Total files | 35/677 |
| Metadata unread | 0 |
| Selected | 0 |
| ▾ XMP Rating | |
| Not set | 0/517 |
| ✓ * | 22/32 |
| ✓ ** | 5/24 |
| ✓ *** | 8/36 |
| **** | 0/38 |
| ***** | 0/30 |
| ▾ XMP Label | |
| Not set | 0/392 |
| Red | 0/36 |
| ✓ Yellow | 35/72 |
| Green | 0/55 |
| Blue | 0/56 |
| Purple | 0/66 |
| ▾ EXIF timestamp | |
| Today | 0 |
| 01 Mar - 31 Mar 17 | 34/352 |
| 01 Apr - 11 Jul 08 | 0 |
| 01 Apr - 10 May 06 | 0 |
| ✓ 10 Jan - 04 Apr 17 | 35/539 |
| Past | 0/29 |
| No timestamp | 0 |

## Saving, Cancel and Restore Filters

To **Save**, **Cancel**, and **Restore** filters, use:

- **File** -> **File filtering in folder**
  *or*   corresponding hotkeys
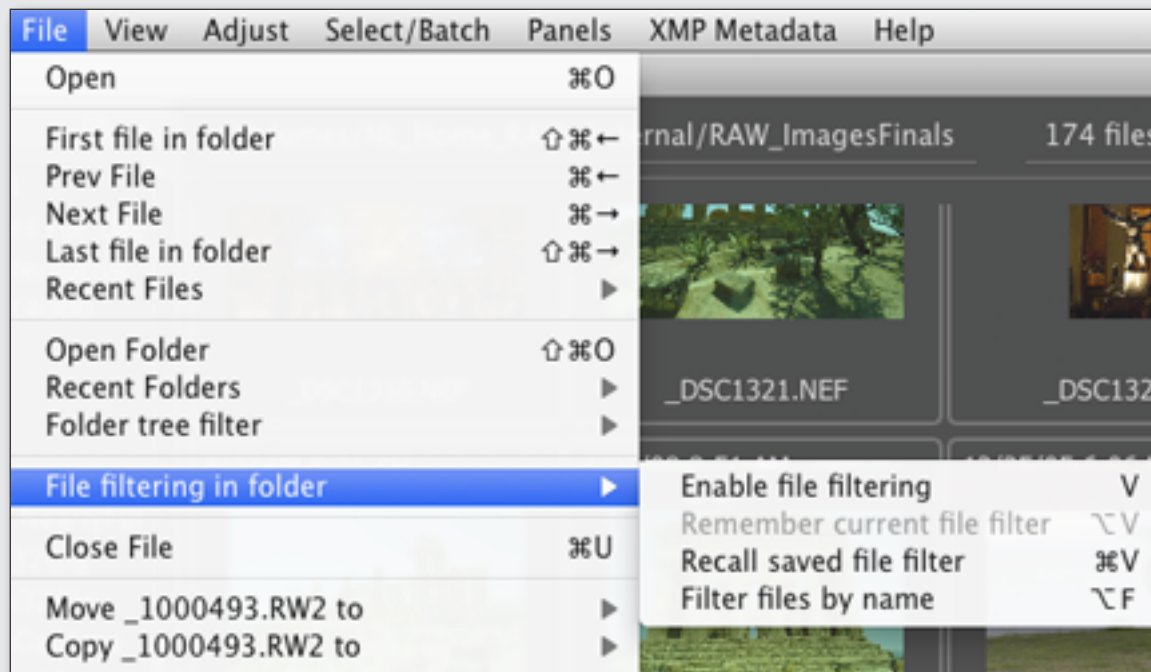


## File Sorting Settings

With standard settings, the metadata *(EXIF, XMP)* is read only when this data is needed – for Icon display, or when filtering is on. This accelerates the browsing. This can be changed in the preferences by switching off **File Handling - Sorting and Filtering - Lazy metadata read**.

- **Menu** -> **FastRawViewer** -> **Preferences** -> **File Handling** -> *Sorting and Filtering*

To fulfill **Batch** operations *(such as copy, move,  rotate, set rating and label etc.)* with multiple files you will first have to select those files.

**File Selection**

To mark a file for group operations in **Grid View** or **Filmstrip** panel:

- Ctrl–Click on the file preview thumbnail;

  *or*

- Set/unset a checkmark in a checkbox in the upper-right corner of the preview thumbnail *(the checkbox appears for the files that are currently unmarked when you hover a mouse over its preview; the checkbox is permanently visible for those files which are already marked).*
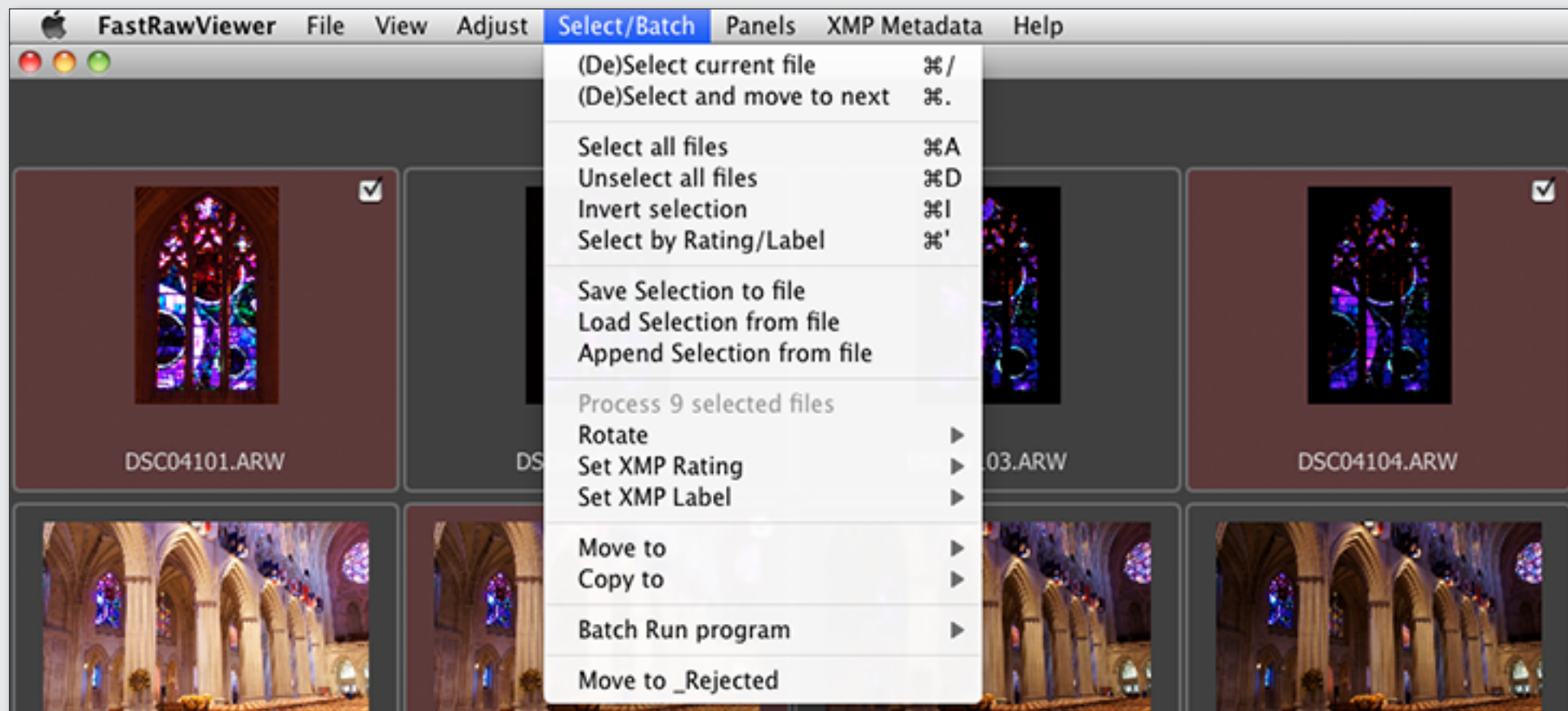


  *or*

- choose the actions through:
  **Menu** -> **Select/Batch**

## Batch Operations

Batch operations for selected files availible through:

- **Menu** -> **Select/Batch**   *or*   corresponding keyboard shortcuts



- **Context menu** *(activated by right-clicking on any of the marked files)*

For the sake of safety, batch operations do not have keyboard shortcuts assigned to them. You will have to assign them yourself through:

- **Menu** -> **File** -> **Keyboard Shortcut** -> **Batch rotation/rating /label/copy/move /external edit**

Of course the composition is a priority while sorting images. If the image you are viewing is composed well next thing you want to know is: if the technical quality of the image good enough.

**FastRawViewe**r offers essential **Image Assessing Tools**:

**FastRawViewer Image Assessing Tools**

**RAW Histogram**

**Over- and Underexposure Indication and Statistics**

**Focus Peaking**

**Screen Sharpening**

**Shadow Boost**

**Highlight Inspection**

**Exposure Compensation**

**White Balance**

**Contrast** *(Tone)* **Curve**

Using these tools is super easy. They can be activated and deactivated through the **Shortcuts**, or the **Bottom Bar**, or through the **Menu**. Parameters for the tools are set through the **Preferences**.

The detailed information about these tools can be found in FastRawViewer manual. They also briefly covered in tips.
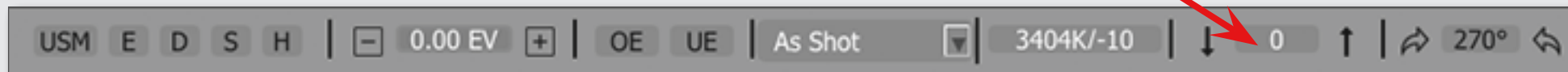
## Matching FRV Image Display to Adobe CameraRaw/Lightroom

Defaults should be adequate, if you need to restore just these ones, here are the settings:

1. At the **Menu** -> **FastRawViewer** -> **Preferences** -> **Image Display** -> **Contrast curve type** choose *Variable Contrast*:
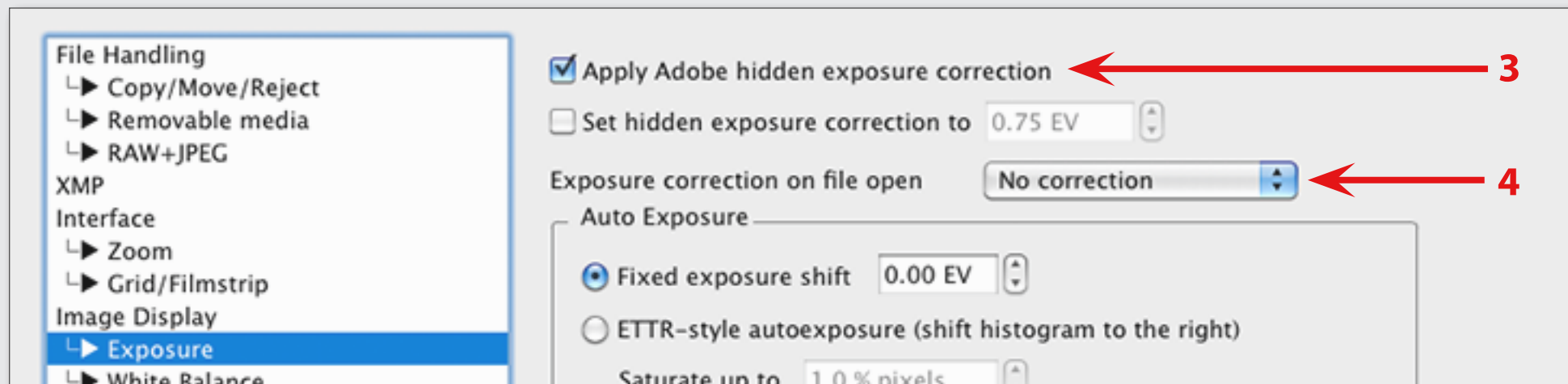
| Contrast curve type | Variable contrast ⇕ | ← 1 |
|---|---|---|
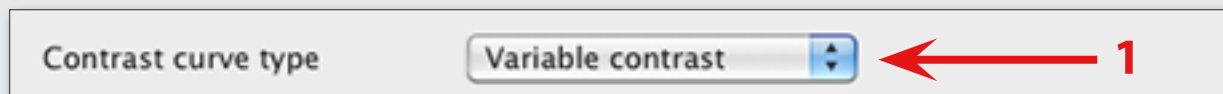
2. At the *Contrast Curve drop-down menu* choose "**0**" (**standard**) curve:

| USM | E | D | S | H | ⊟ 0.00 EV ⊞ | OE | UE | As Shot ▽ | 3404K/-10 | ↓ 0 ↑ | ⇗ 270° ↶ |

At the **Menu** -> **FastRawViewer** -> **Preferences** -> **Exposure**

3. "**Apply Adobe hidden exposure correction**" is "on" (*check the proper box*)

4. Choose **No correction** from the drop-down **Exposure correction on file open**

File Handling
  ↳▶ Copy/Move/Reject
  ↳▶ Removable media
  ↳▶ RAW+JPEG
XMP
Interface
  ↳▶ Zoom
  ↳▶ Grid/Filmstrip
Image Display
  ↳▶ Exposure
  ↳▶ White Balance

☑ Apply Adobe hidden exposure correction   ← 3
☐ Set hidden exposure correction to  0.75 EV ⇕

Exposure correction on file open   No correction ⇕   ← 4
Auto Exposure
  ⦿ Fixed exposure shift  0.00 EV ⇕
  ◯ ETTR–style autoexposure (shift histogram to the right)
  Saturate up to  1.0 % pixels

## Matching FRV Image Display to RAW Converter

If the image display in FastRawviewer does not match the display in Adobe ACR/Lr or other con-verter *(brightness is different, color is off, etc.)*, please check the following:
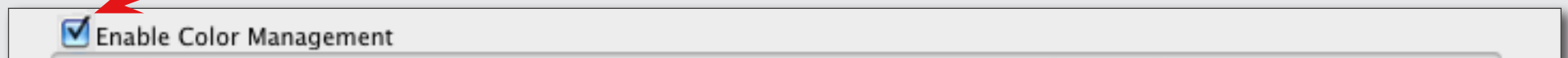
### Disable Auto Exposure Correction

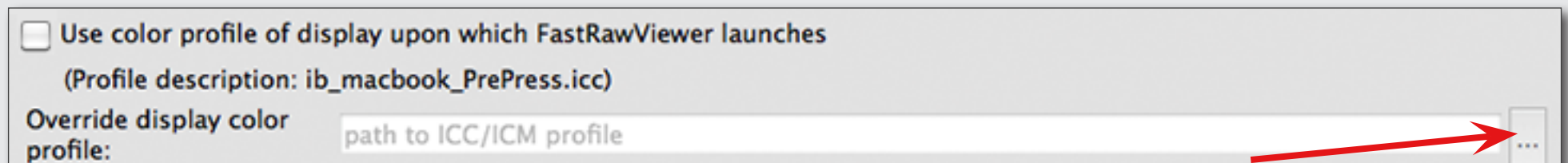- Press  A    *or*   Toggle Exposure Correction button at the **Bottom Bar**



Exposure correction on/off

**Bottom Bar**
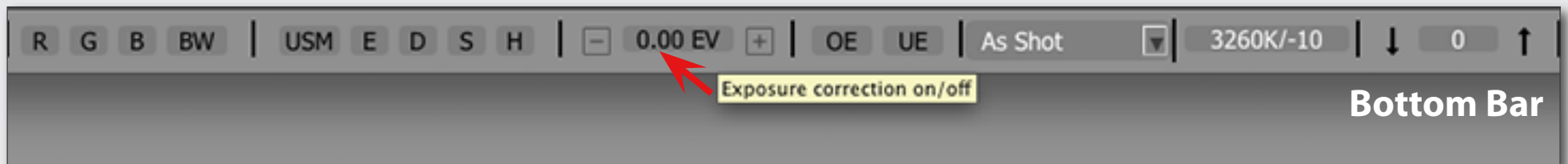
### Enable Color Management

- **Menu** -> **FastRawViewer** -> **Preferences** -> **Color Management** -> *check the box* *"Enable Color Management"*
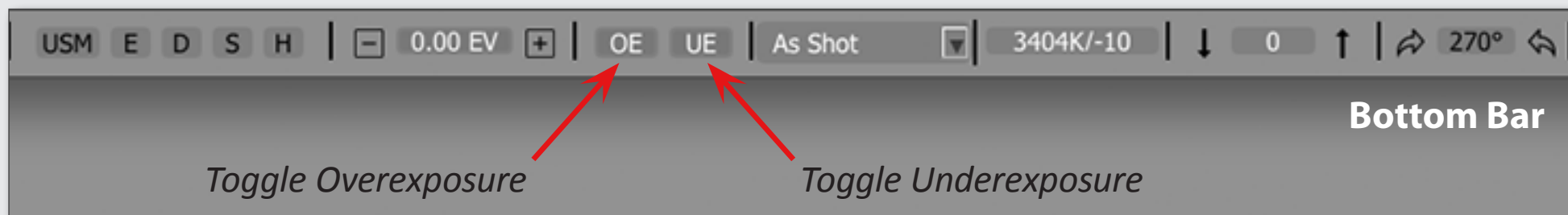


☑ Enable Color Management

### Choose correct Montor Profile

If colors still look off, please check at the same **Color Management** menu that you've chosen the correct Monitor Profile



☐ Use color profile of display upon which FastRawViewer launches

  (Profile description: ib_macbook_PrePress.icc)

Override display color profile:    path to ICC/ICM profile

## Checking for Over- and Underexposure

### Toggling Over- and Underexposure Indication

- **O**     *or*    **Menu** -> **View** -> **Overexposure Display**

- **U**     *or*    **Menu** -> **View** -> **Underexposure Display**



USM   E   D   S   H  |  ⊟   0.00 EV   ⊞  |  OE   UE  |  As Shot   ▼  |  3404K/-10  |  ↓   0   ↑  |  ↷ 270° ↶ |

**Bottom Bar**

*Toggle Overexposure*      *Toggle Underexposure*

### Over- and Underexposure Statistics

At the Information Windows Dock you can find
**Over-** and **Underexposure Statistics Window**
*(see the picture to the right).*



Exposure Stats

| | UnExp | | OveExp | |
|---|---|---|---|---|
| R | 7k | 0.2% | 0 | 0% |
| G | 0 | 0% | 0 | 0% |
| B | 16k | 0.5% | 0 | 0% |

To display **Overexposure Statistics** before and after applying exposure compensation,
choose **Always display OE + Corr column** in Exposure Stat panel settings *(gear icon).*

## Over- and Underexposure Display Settings

To choose proper settings for Over- and Underexposure overlays use:

- **Menu** -> **FastRawViewer** -> **Preferences** -> **Exposure** -> **Over/Underexposure Display**
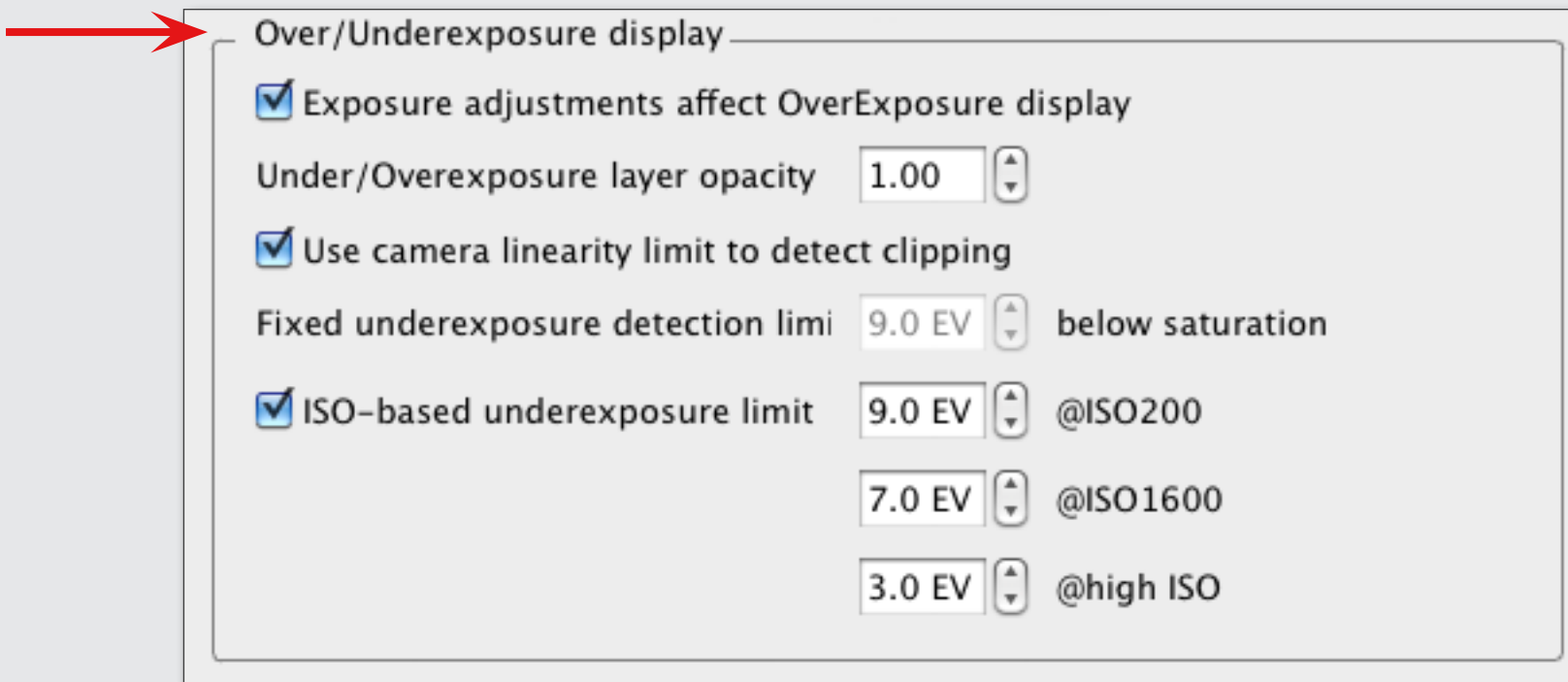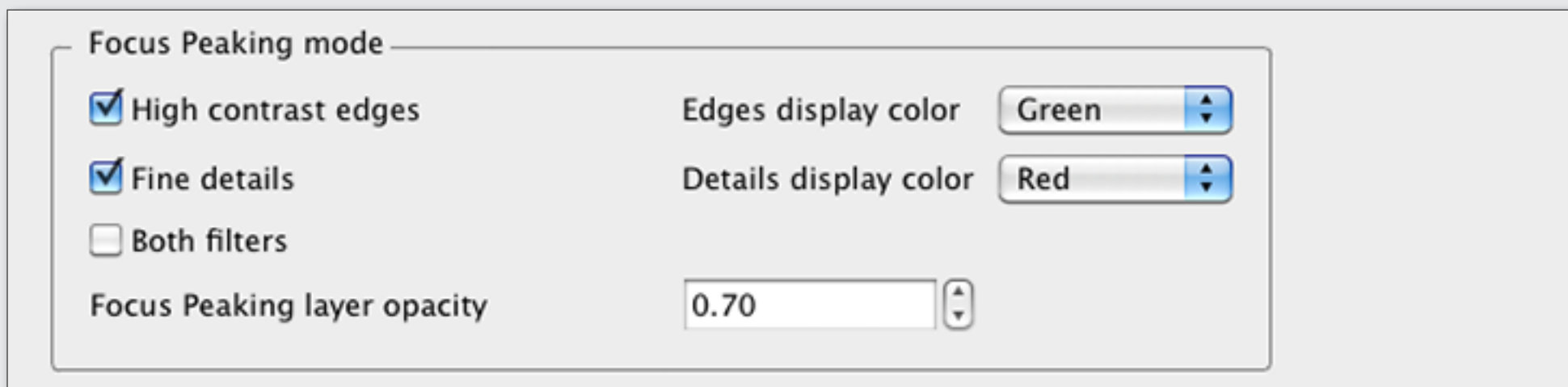
## Focus Peaking

The Focus Peaking filter allows to assess the sharpness of the image and locate the areas where the **sharp edges *(E)*** and/or **fine details *(D)*** exist.
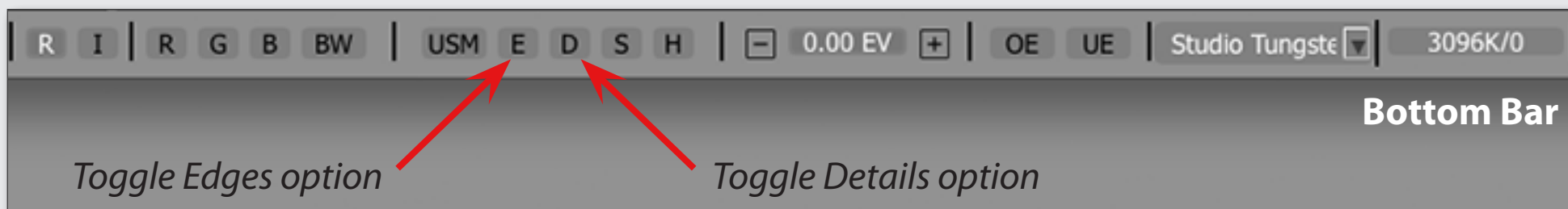
### To Control Focus Peaking Options

- **Menu** -> **FastRawViewer** -> **Preferences** -> **GPU Processing** -> **Focus Peaking Mode**

Focus Peaking mode
- ☑ High contrast edges    Edges display color    Green
- ☑ Fine details    Details display color    Red
- ☐ Both filters

Focus Peaking layer opacity    0.70

### Circle Focus Peaking (Edges/Details/Both/Off)

- Press  P     *or*     **Menu** -> **View** -> **Toggle Focus Peaking**     *or*

R   I  |  R   G   B   BW  |  USM   E   D   S   H  |  ⊟  0.00 EV  ⊞  |  OE   UE  |  Studio Tungste ▼   3096K/0

**Bottom Bar**

*Toggle Edges option*                    *Toggle Details option*

While being processed in a RAW converter, RAW images generally have had some sort of sharpening algorithm applied to them. In FastRawViewer, the sharpening is applied only for display.

**Screen Sharpening**
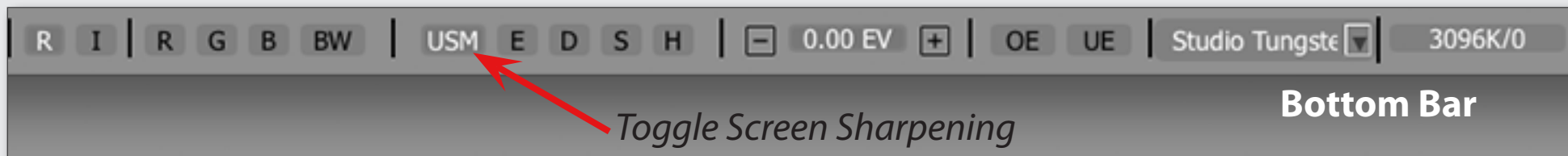
### Setting the Level of Sharpening

You can switch between two levels of sharpening:

- **Menu** -> **FastRawViewer** -> **Preferences** -> **Image Display** -> **Screen Sharpening**
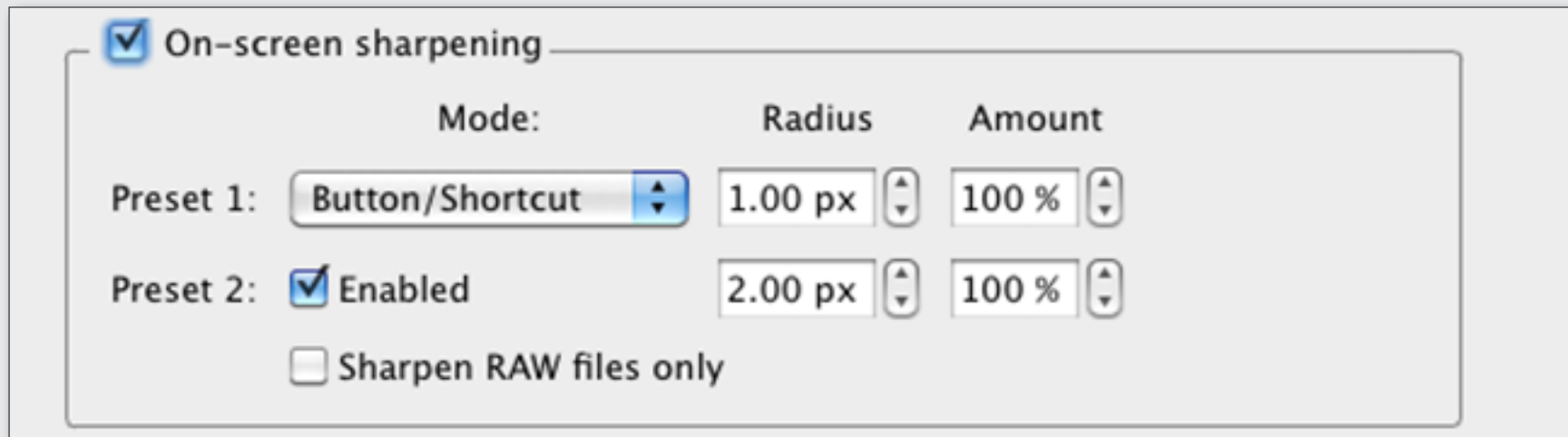


### Toggle Screen Sharpening

- Press ⌘S *or* **Menu** -> **File** -> **Screen Sharpening** *or*



*Toggle Screen Sharpening*

**Bottom Bar**

For ETTR practitioners or those who need to explore the shadows of an image, we have a tool ready for you - Shadow Boost; it lifts the shadows without clipping the highlights.

All you need to do is set the Shadow Boost amount, and apply it using ⇧S. This will allow you to see the level of noise in the shadows and to check if they are preserving details and colors well.
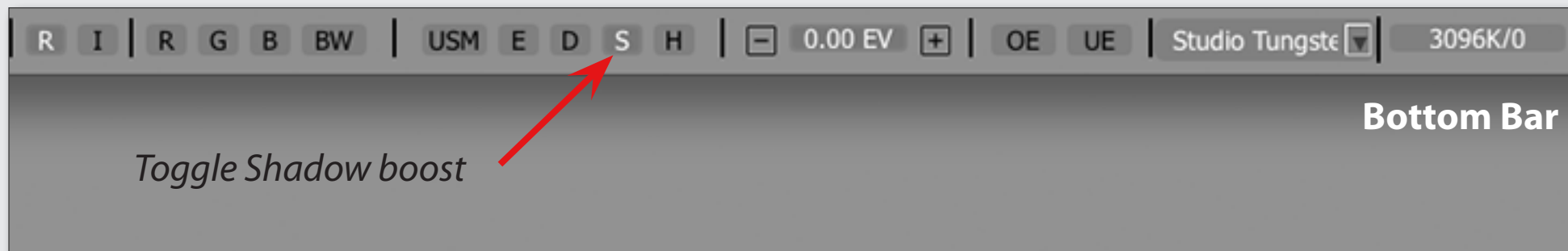
**Boosting Shadows**

### To Set the Amount of Shadow Boost

- **Menu** -> **FastRawViewer** -> **Preferences** -> **Image Display** -> **Boost Shadows amount**

| Boost shadows amount | 0.20 |
|---|---|

### Toggle Shadow Boost on/off

- Press ⇧S *or* **Menu** -> **View** -> **Shadow Boost** *or*

| R | I | R | G | B | BW | USM | E | D | S | H | ⊟ 0.00 EV ⊞ | OE | UE | Studio Tungste ▼ | 3096K/0 |

*Toggle Shadow boost*

**Bottom Bar**

**Highlight Inspection** mode does the "opposite" of the **Shadow Boost** mode: the brightness of the shadows and midtones is decreased, thus the image looks darker; the contrast in the high-lights is increased; white balance can be "canceled" by setting it to UniWB. As result it allows to evaluate details in highlights and inspect which channels are clipped (if any) and where.

**Highlights Inspection**

## Choose Settings for Highlights Inspection

• **Menu** -> **FastRawViewer** -> **Preferences** -> **Image Display** -> **Highlights Inspection**

Highlights inspection

Highlights inspection gamma decrease    0.40

☐ Decrease exposure by    0.5 EV

☐ Apply UniWB white balance
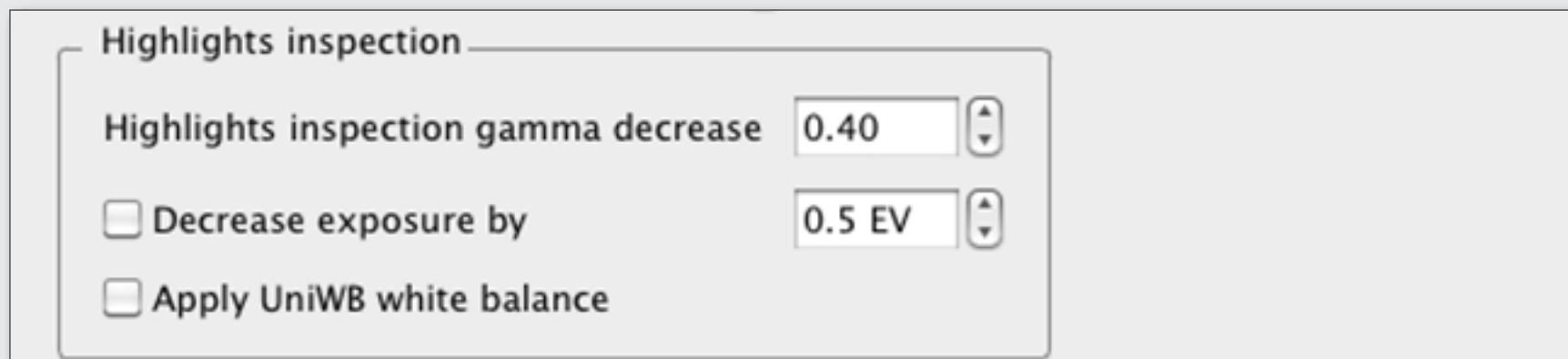
## Toggle Highlights Inspection on/off

• Press   ⇧H    *or*    **Menu** -> **View** -> **Highlights inspection**    *or*

| R | I | R | G | B | BW | USM | E | D | S | H | ⊟ 0.00 EV ⊞ | OE | UE | Studio Tungste ▼ | 3096K/0 |

*Toggle Highlights Inspection*

**Bottom Bar**

You can save a lot of time spent on adjusting images in Lr/ACR, Capture One, or RPP, if you select and apply adjustments to **Exposure**, **White Balance**, and **Orientation** right in FastRawViewer, while browsing and save the applied settings in sidecar XMP and/or RPPS files. Raw converter program will be picking up those sidecar files prepared in **FastRawViewer** as the starting point for conversions.

This technique works well in combination with **Propagation** *(see the tip "Time-saver: Propagation")*
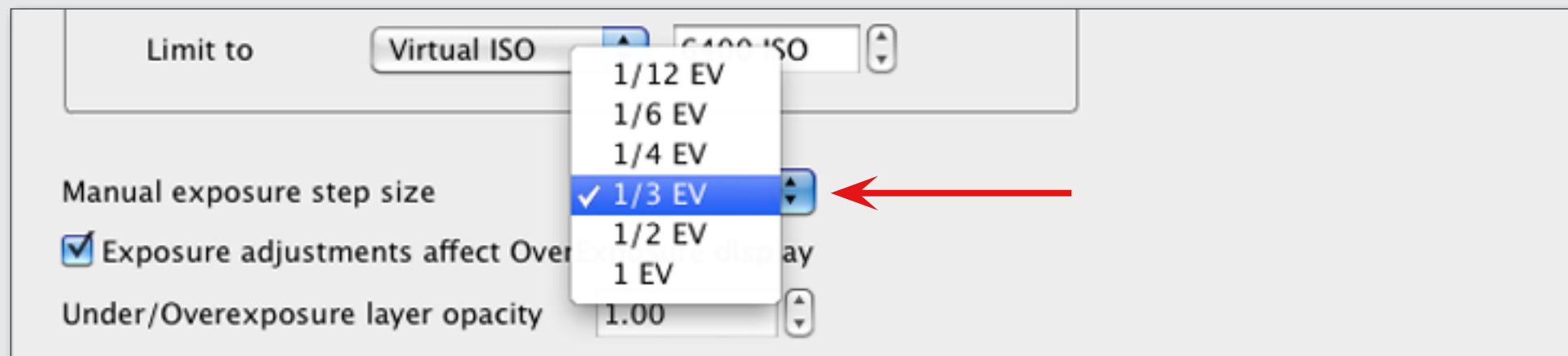
**Controlling Exposure Correction *(#1)***

### Switch Auto Exposure Correction "on"

- Press ⇧A *or* **Menu** -> **Adjust** -> **Auto Exposure Correction**

### Choosing the Step Size for Exposure Correction

- **Menu** -> **FastRawViewer** -> **Preferences** -> **Exposure** -> **Manual exposure step size** *drop down*
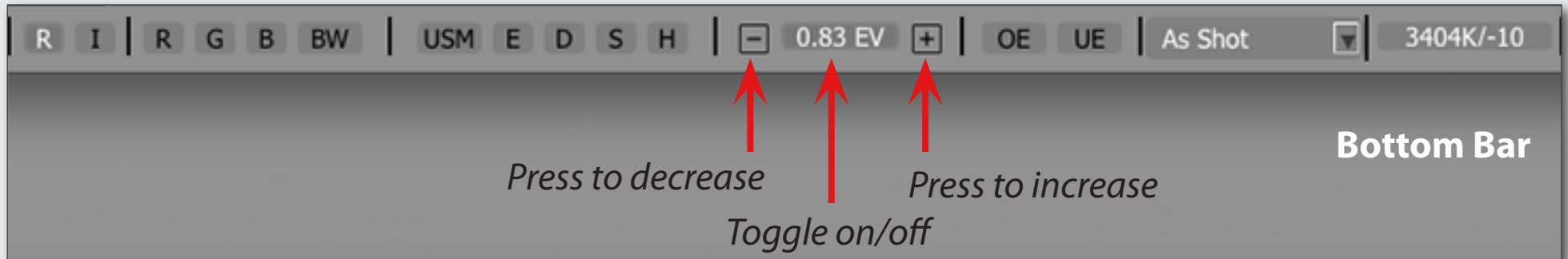
## Controlling Exposure Correction *(#2)*

### Switch Exposure Correction on/off

- Press  `A`  *or*  **Menu** -> **Adjust** -> **Exposure Correction**  *or*

  Press the **Exposure Correction Value** field at the **Bottom Bar**

### Increase/Decrease Exposure Correction

- Press  `⌥+`  /  `⌥–`  *or*

  Click  `+`  /  `–`  at the lower **Bottom Bar**

| R | I | R | G | B | BW | | USM | E | D | S | H | | ⊟ | 0.83 EV | ⊞ | | OE | UE | As Shot ▼ | 3404K/-10 |

**Bottom Bar**

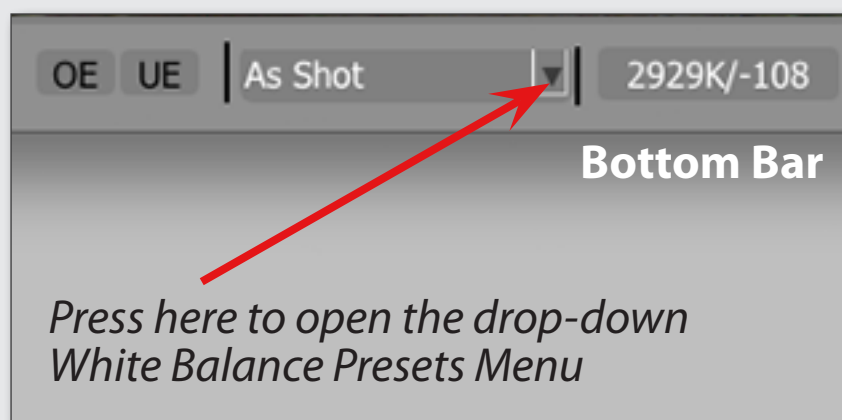*Press to decrease*          *Press to increase*

*Toggle on/off*

## Quick Way: White Balance Presets

### Cycle between Auto/As Shot/Daylight/Custom White Balance Presets

- Press  W  *or*  **Menu** -> **Adjust** -> **Toggle White Balance**
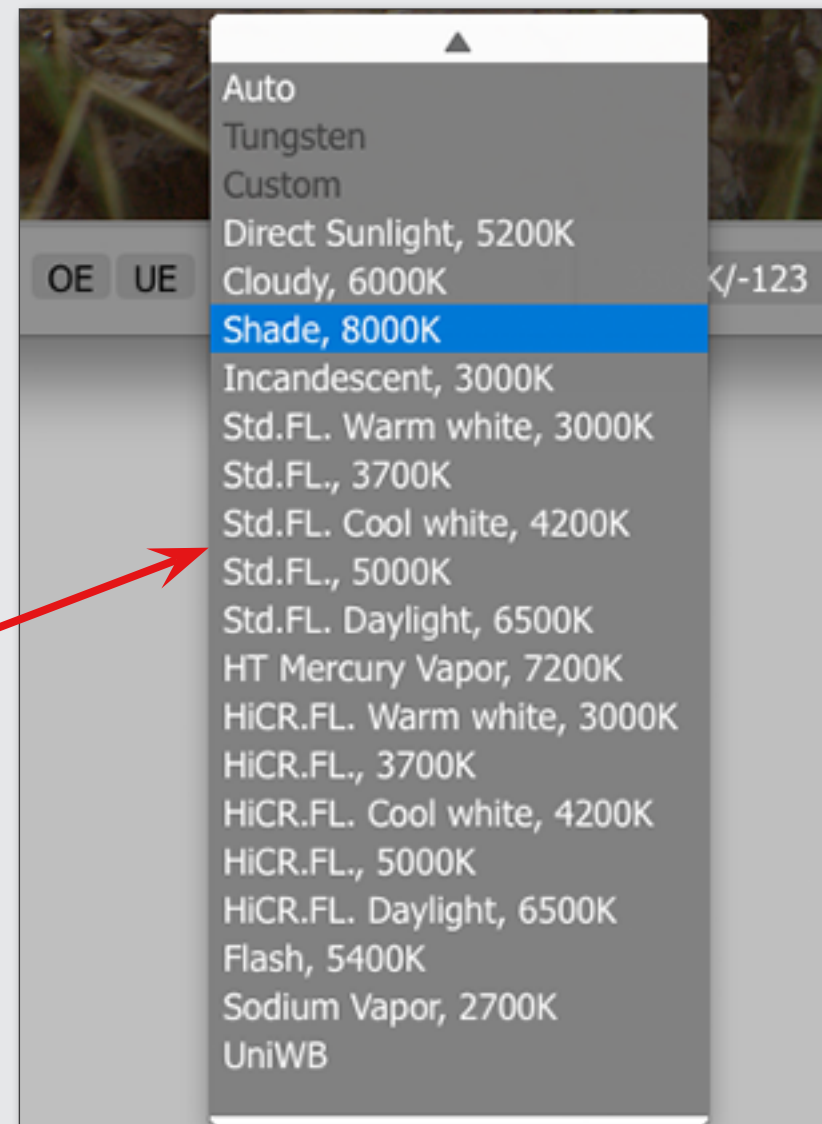
### More White Balance Presets

1. At the Bottom Bar:



**Bottom Bar**

*Press here to open the drop-down White Balance Presets Menu*

2. choose one of the White Balance presets  *(see the image to the right).*

   *Note:* UniWB preset switches white balance *off* completely.



```
Auto
Tungsten
Custom
Direct Sunlight, 5200K
Cloudy, 6000K
Shade, 8000K
Incandescent, 3000K
Std.FL. Warm white, 3000K
Std.FL., 3700K
Std.FL. Cool white, 4200K
Std.FL., 5000K
Std.FL. Daylight, 6500K
HT Mercury Vapor, 7200K
HiCR.FL. Warm white, 3000K
HiCR.FL., 3700K
HiCR.FL. Cool white, 4200K
HiCR.FL., 5000K
HiCR.FL. Daylight, 6500K
Flash, 5400K
Sodium Vapor, 2700K
UniWB
```

## Sampling Grey Point

### Choosing the Sampler Size

- **Menu** -> **FastRawViewer** -> **Preferences** -> **White Balance** -> **White Balance Sampler Size**
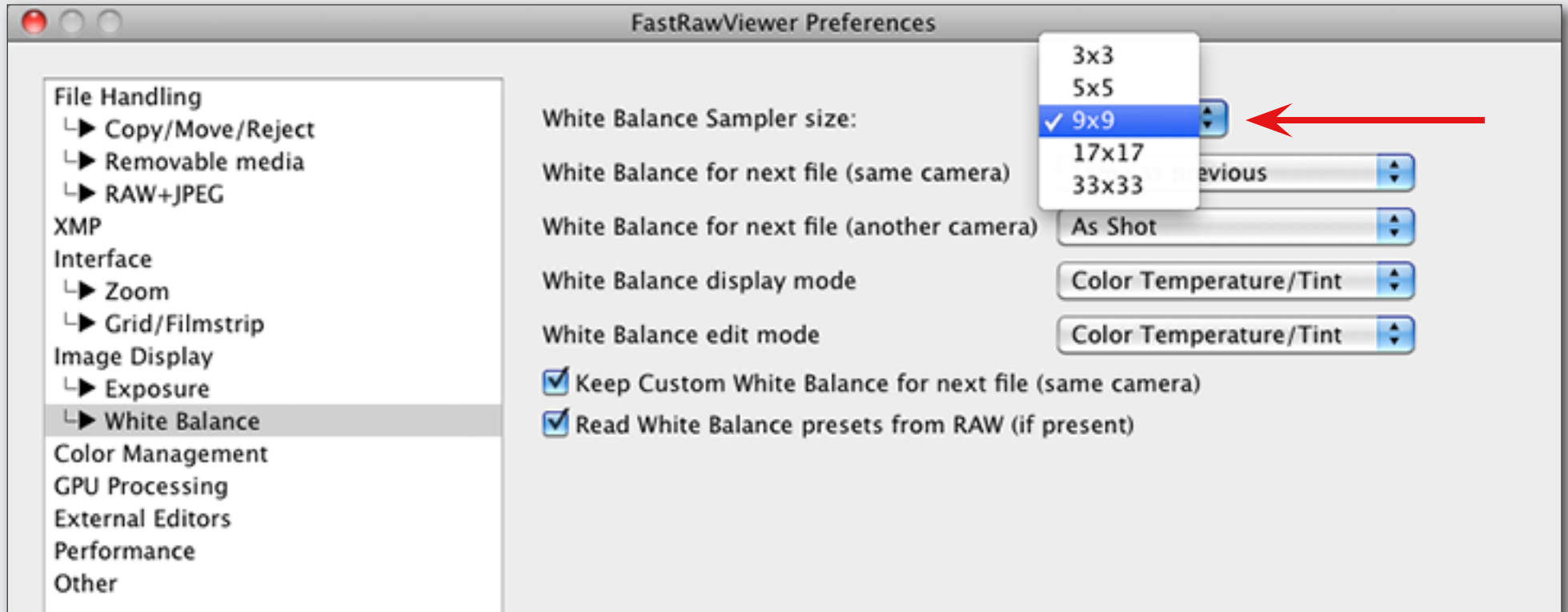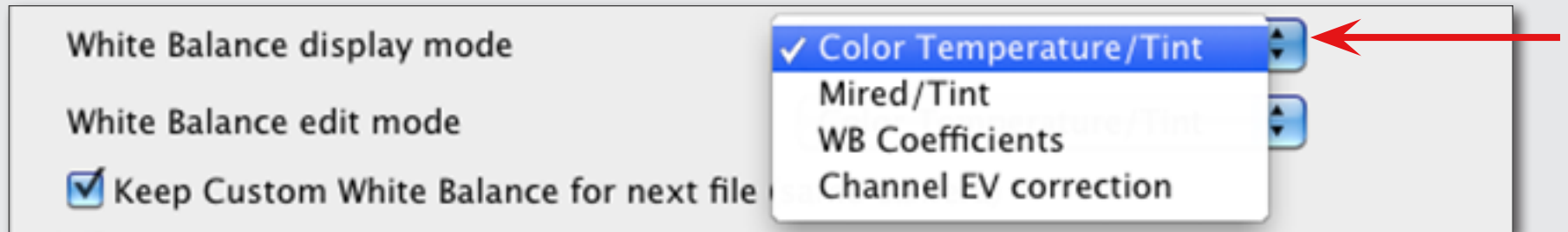


### Setting the Grey Point

- Click on    ⌥ LeftClick    on the image on something you designate as neutral.
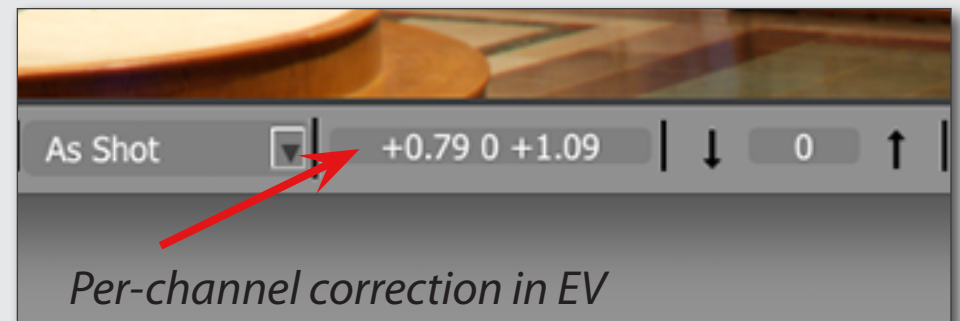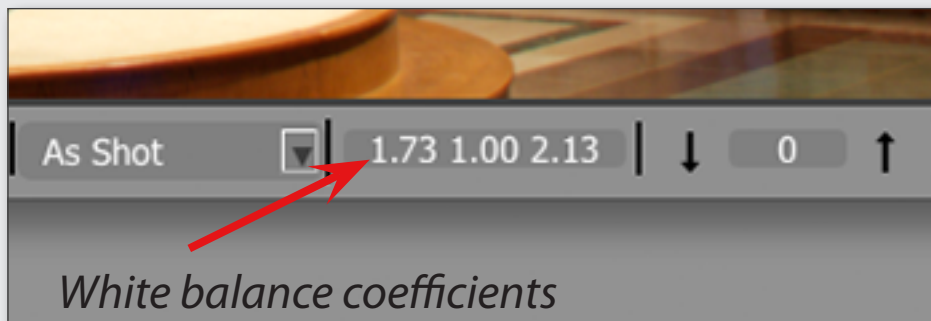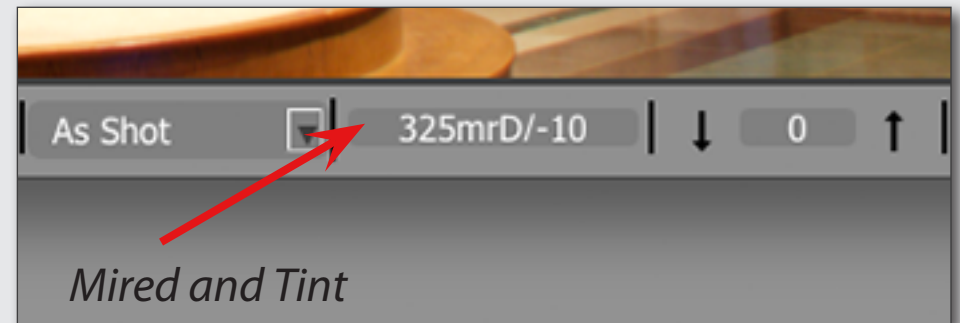
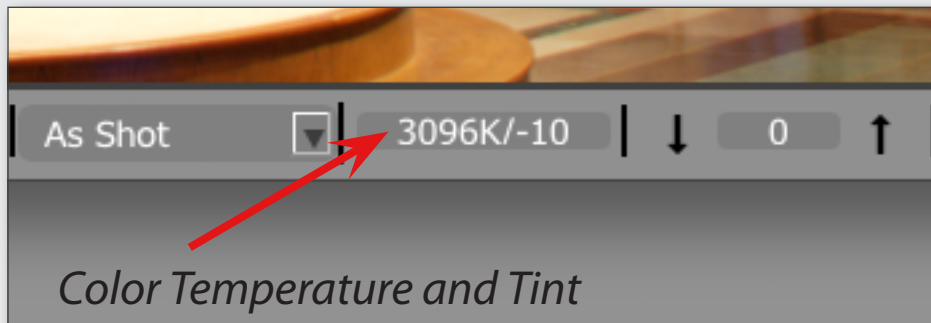## Choosing White Balance Display Mode

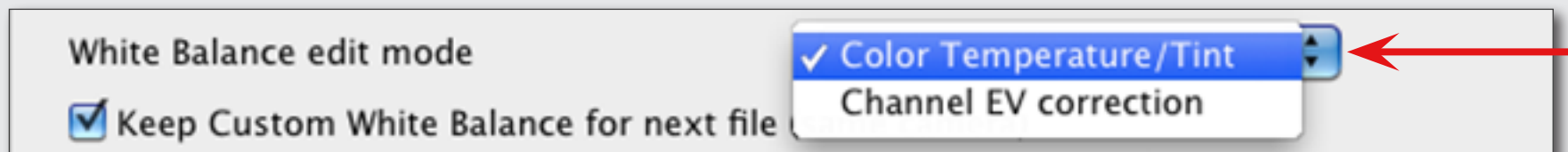- **Menu** -> **FastRawViewer** -> **Preferences** -> **White Balance** -> **White Balance Display Mode**

White Balance display mode        ✓ Color Temperature/Tint

White Balance edit mode            Mired/Tint
                                  WB Coefficients

☑ Keep Custom White Balance for next file    Channel EV correction

**White Balance** settings in the chosen mode will be displayed at the **Bottom Bar**:

| As Shot | 3096K/-10 | ↓ 0 ↑ |
| --- | --- | --- |

*Color Temperature and Tint*

| As Shot | 325mrD/-10 | ↓ 0 ↑ |
| --- | --- | --- |

*Mired and Tint*

| As Shot | 1.73 1.00 2.13 | ↓ 0 ↑ |
| --- | --- | --- |

*White balance coefficients*

| As Shot | +0.79 0 +1.09 | ↓ 0 ↑ |
| --- | --- | --- |

*Per-channel correction in EV*

## Fine-tuning White Balance

### Choose White balance Edit Mode

- **Menu** -> **FastRawViewer** -> **Preferences** -> **White Balance** -> **White Balance Edit Mode**

White Balance edit mode          ✓ Color Temperature/Tint
                                    Channel EV correction

☑ Keep Custom White Balance for next file

### Adjust White Balance

- Click **White Balance Display** at the Bottom Bar to adjust white balance using sliders in the **White Balance Adjustment Window**

**Bottom Bar**

*Press here to open*
*White Balance Adjustments Window*

**Bottom Bar**
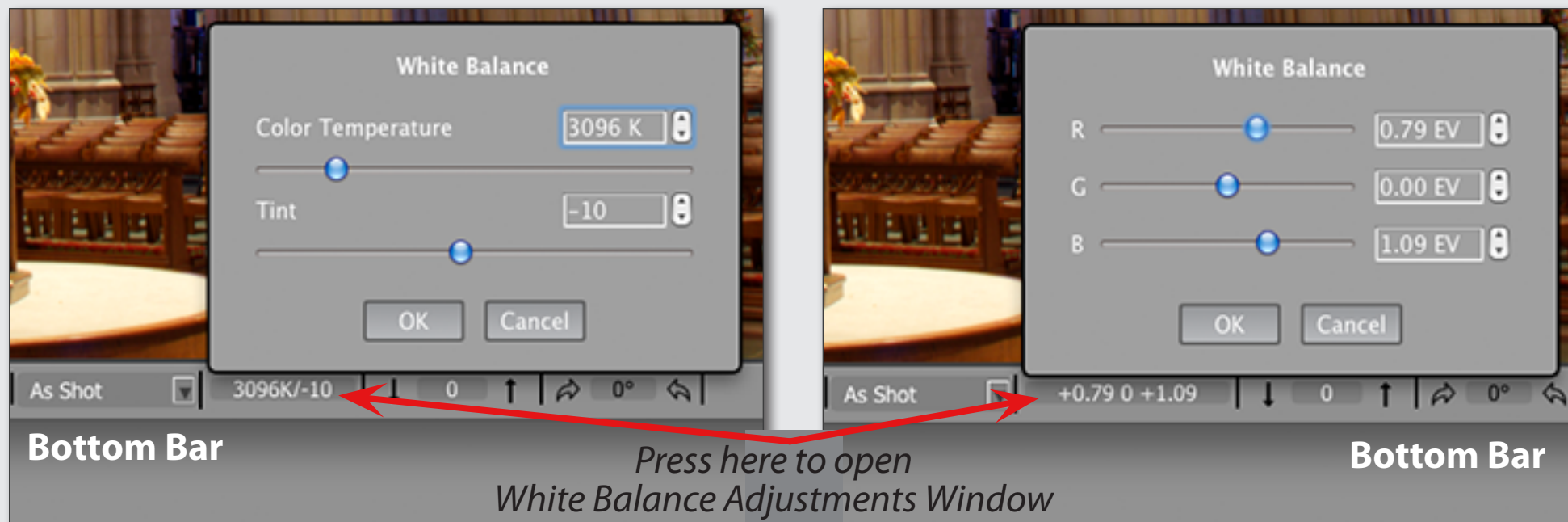
If you want to add "bite" to the image display, or are opting for a flatter look for the scenes with high dynamic range *(which helps see maximum details)*, you need to play with the contrast.

**FastRawViewer** allows one to apply "standard" tone curves (**sRGB**, **Gamma 1.8** and **2.2**, **L\***), but also offers the **Variable Contrast** mode for tone curves.

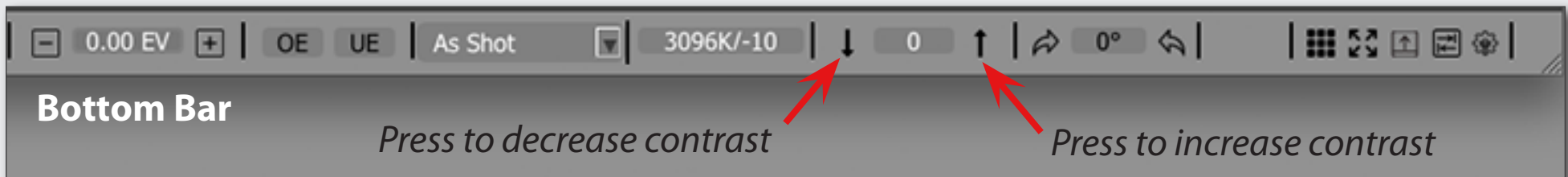## Choosing a Contrast (Tone) Curve Type

- **Menu** -> **FastRawViewer** -> **Preferences** -> **Image Display** -> **Contrast Curve Type**



## Adjusting Contrast

In Variable Contrast mode, the image contrast can be adjusted in "grades":

- **Menu** -> **Adjust** -> **Increase Contrast (** *or* ⎷K **) / Decrease Contrast (** *or* ⇧K **)** *or*



**Bottom Bar**

*Press to decrease contrast*     *Press to increase contrast*
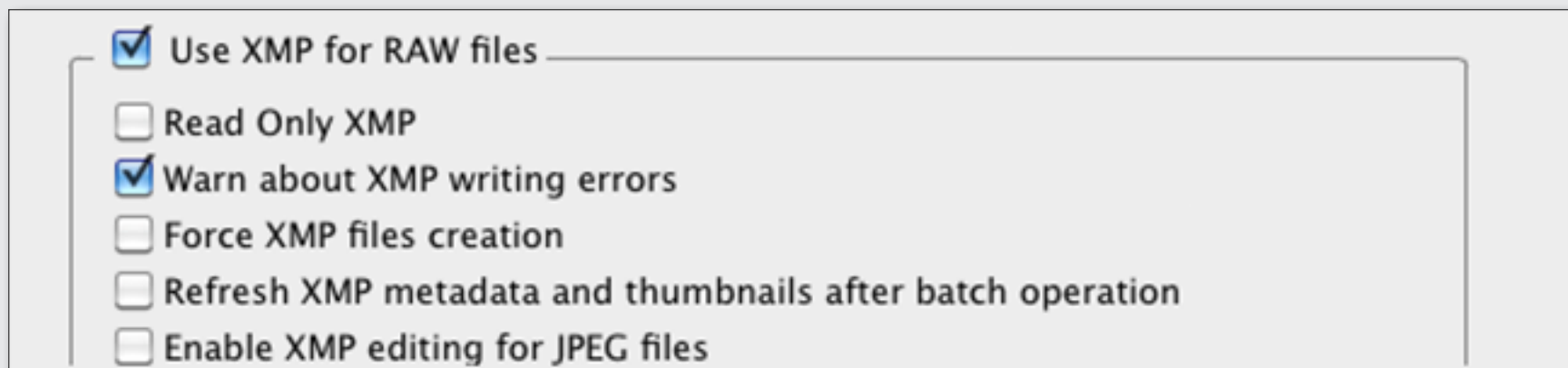
## Customizing XMP or RPPS Settings to Match You RAW Converter

Many RAW converters and image browsers are using sidecar files to store non-destructive changes to the image as well as ratings, labels, comments, etc.

### Choosing XMP Settings in Preferences

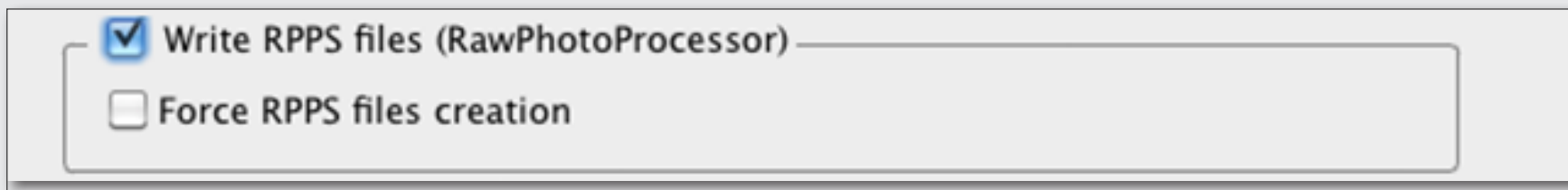- **Menu** -> **FastRawViewer** -> **Preferences** -> **XMP**

☑ Use XMP for RAW files
☐ Read Only XMP
☑ Warn about XMP writing errors
☐ Force XMP files creation
☐ Refresh XMP metadata and thumbnails after batch operation
☐ Enable XMP editing for JPEG files

In XMP settings Window you will see several options tuning of which allows better communication between FastRawViewer and your preferred RAW converter.

### For RPP Users

- **Menu** -> **FastRawViewer**-> **Preferences** -> **Other**

☑ Write RPPS files (RawPhotoProcessor)
☐ Force RPPS files creation

**Adjusting Settings and Basic Conversion Parameters**

If you are using Adobe ACR or Lr you should:

**0a. Switch on "Apply Adobe Exposure Correction"**

- **Menu** -> **FastRawViewer** -> **Preferences** -> **Exposure**

☑ Apply Adobe hidden exposure correction

**0b. Switch on "Adobe compatible Exposure, Contrast and White balance"**

- **Menu** -> **FastRawViewer** -> **Preferences** -> **XMP**

To record Contrast in the format that is acknowledged by Adobe converters, check *"Write Adobe-compatible Contrast/Blacks into XMP file"*

☑ Adobe compatible Exposure, Contrast and White Balance

Adobe process version for newly created XMP files    2012 ⬍

☑ Write Adobe–compatible Contrast/Blacks into XMP file
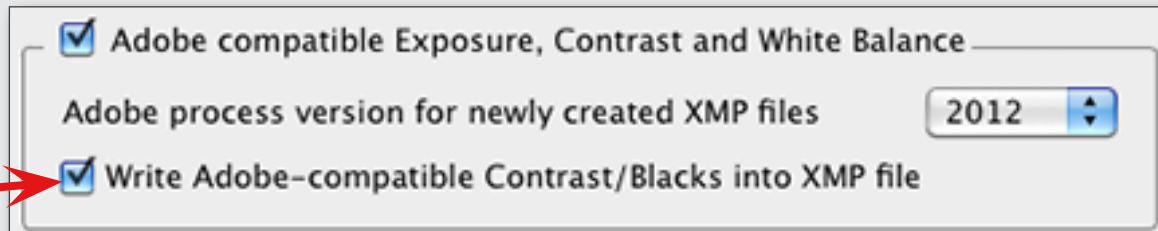
**1. Check the Settings for Sidecar Files .xmp/.rpps** *(please see the previous tip)*

**2. Set Image Orientation** *(if needed)*

- **Menu -> Adjust -> Rotate 90⁰ CCW** (*or* ⌘7 ) / **Rotate 90⁰ CW** (*or* ⌘9 )    *or*

| As Shot ▼ | 3096K/-10 | ↓   0   ↑ | ↱   0°   ↰ |    ▦ ⛶ ⊡ ▨ ⚙ |

*Press to rotate 90⁰ CW*      *Press to rotate 90⁰ CCW*    **Bottom Bar**

**3. Tune White Balance** and **Adjust Exposure Correction** *(see tips for 'Assessing the Image: White Balance' and 'Assessing the Image: Exposure Correction')*

**5. Adjust Contrast** *(if using Adobe raw converters)* *(see tips for 'Assessing the Image: Contrast')*

It often happens that several files need the same adjustments to **White Balance**, **Exposure** and **Orientation**. To do so, FastRawViewer offers **Propagation Mode**: in this mode adjustments made to Exposure and White Balance are **automatically applied** to the next image you open in FastRawViewer.

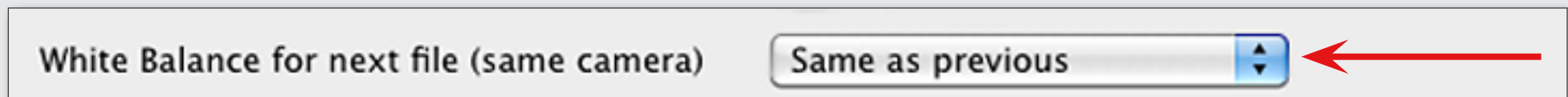**Propagation of Settings from the "Previous" Image to the "Next"** *(#1)*

### Keep Exposure Correction for the Next Frame

- **Menu** -> **FastRawViewer** -> **Preferences** -> **Exposure** -> *choose* **Keep from prev. file** *from drop-down* ***Exposure correction on file open***
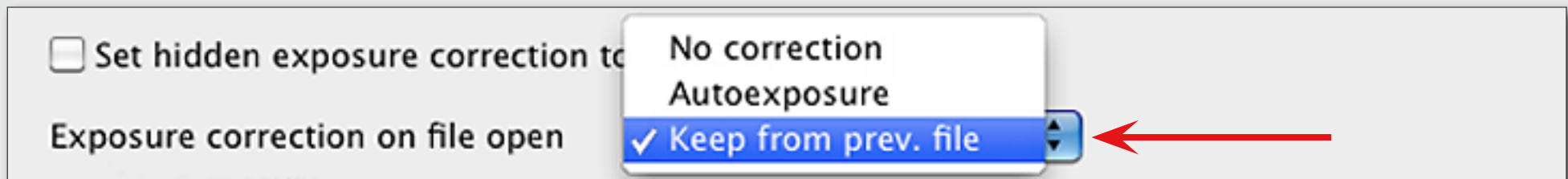
### Keep White Balance for the Next Frame

- **Menu** -> **FastRawViewer** -> **Preferences** -> **White Balance** -> choose ***Same as previous*** *from drop-down* ***White Balance for next file***
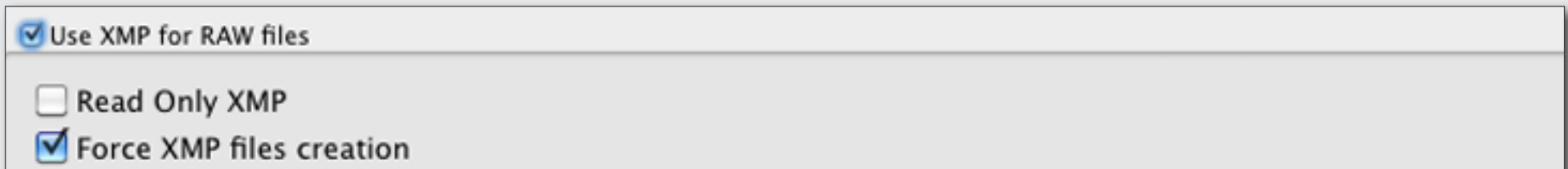
When using Propagation you may choose **Forced Mode** of recording sidecar files. In this case even if no individual adjustments were applied to the image the sidecar file will be written containing all the changes you've made last time within the session. Thus all RAW files will have accompanying sidecar files with the parameter already set to be picked up by RAW converter.

**Propagation of Settings from the "Previous" Image to the "Next" *(#2)***

## Force XMP Files Creation

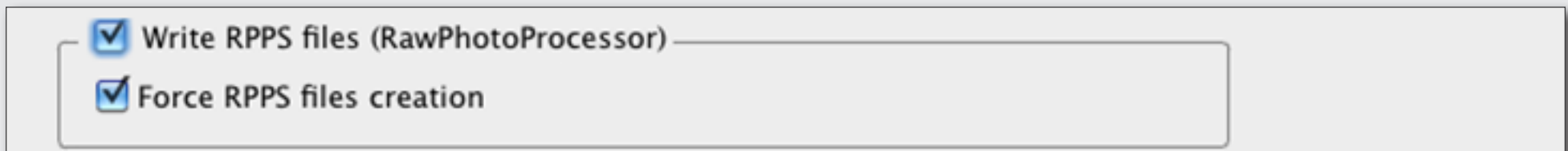- **Menu** -> **FastRawViewer** -> **Preferences** -> **XMP**



## Force RPPS Files Creation

If you are using RPP *(RawPhotoProcessor)* switch on the following:

- **Menu** -> **FastRawViewer** -> **Preferences** -> **Other**