



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





Index

Getting familiar with the FRV Tools and Features

How to Customize FastRawViewer	4
Preferences #1	5
Preferences #2	6
Examining Shortcuts #1	7
Examining Shortcuts #2	8
Adjusting Shortcuts #3	9
Interface Customization #1	10
Interface Customization #2	11
Interface Customization #3	12
Interface Customization #4	13
Bottom Bar Structure	14
Bottom Bar Customization	15
Color Management	16
EXIF View	17



FastRawViewer: A Quick Start Tips

	Working with Removable Media	18
	Working with Folder Tree	19
	Favorite Folders	20
	Grid View/Single File View Modes #1	21
	Grid View/Single File View Modes #2	22
	Rating and Labels	23
	File Sort & Filter #1	24
	File Sort & Filter #2	25
	File Selection/Batch Operation #1	26
	File Selection/Batch Operation #2	27
A	Assessing the Image	
	Tools and Features	
	Matching Image Display #1	29
	Matching Image Display #2	
	Over- and Underexposure #1	
	Over- and Underexposure #2	



FastRawViewer: A Quick Start Tips

In-Focus Areas	33
Sharpness	34
Shadows	35
Highlights	36
Exposure Correction #1	37
Exposure Correction #2	38
White Balance Presets	39
Custom White Balance	40
White Balance Display	41
Tuning White Balance	42
Contrast	43
me-saver	
Getting Ready for RAW Conversion #1	44
Getting Ready for RAW Conversion #2	45
Propagation	46
Propagation to Sidecar Files	47



How to Customize FastRawViewer

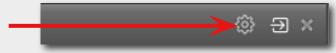
Preferences

Menu -> FastRawViewer -> Preferences

Keyboard Shortcut Editor

Menu -> File -> Customize -> Keyboard Shortcuts

A Gear Icon at the Top of Panels or Bars



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:

• Pi	ress (೫,)	<u>or</u>	Menu -> F	astRawViewe	er -> Pre	ferences	
Ś	FastRawViewer	File Viev	v Adjust	Select/Batch	Panels	XMP Metadata	Help
0	About FastRawVie	ewer	_	_	-	_	
	Preferences	ж,					
	Services	►					
	Hide FastRawView Hide Others Show All	ver ೫H ∼೫H					
	Quit FastRawView	ver #Q					



Tuning Preferences (#2)

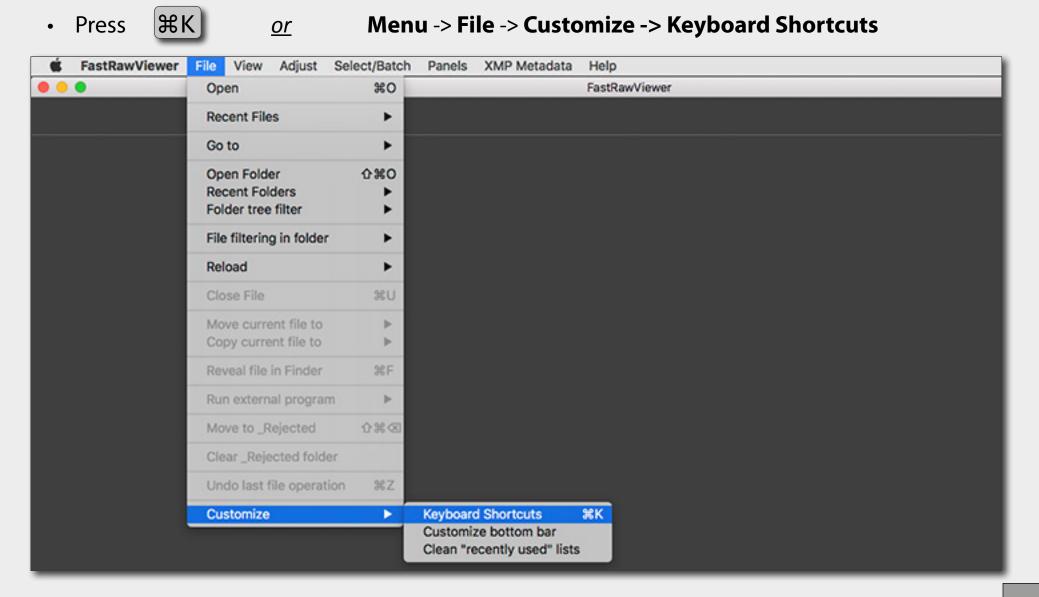
If you feel that some feature is missing or inconvenient, or you don't know how to set it, please check the **Preferences** menu and adjust as necessary, and if it is not there, please email us or visit our forum.

00	FastRawViewer Preferences
File Handling └► Copy/Move/Reject └► Removable media └► File formats XMP └► Ratings & labels └► Exposure, Contrast, WB Interface └► Panels └► Zoom └► Grid/Filmstrip Image Display └► Exposure └► White Balance └► Sharpening Color Management GPU Processing External Editors Performance	FastRawViewer Preferences Removable and Network Media Handling On Removable Media arrive Open most recent subfolder in © Folder DCIM ✓ Warn before automatically open folder on removable media Removable Media Performance Monitor folder changes on removable media Prefetch depth on removable media Vetwork Volumes Performance Monitor folder changes on network volumes Prefetch depth on network volumes Prefetch depth on network volumes
L► Thumbnail cache Other	
Restore Defaults	Cancel OK



Examining Keyboard/Mouse Controls (#1)

FastRawViewer is designed to be controlled mostly with keyboard and mouse, without much reaching for menus.bYou can examine the default/current key/mouse control combinations and change them to your preferred ones anytime:





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.

• •	Keyboard Shortcuts editor	
File Handling	Select/Deselect current file	[+] %/ [x]
Filter files in folder	Selecty Deselect current me	[+] %/ [X]
File Copy/Move/Reject Zoom-Pan	Select/Deselect current file and move to nex	t [+] \$6. [X]
Rotate		
Image Display	Move to prev file and select/deselect it	[+] ↔ [x] ↔+Num← [x]
Image Adjustments	Select all files	[+] %A [x]
Information Panels		
XMP Rating	Unselect all files	[+] %D [x]
XMP Labels		
External editors File Selection for batch	Invert selection	[+] 961 [X]
Batch rotation	Select by Rating/Label	[+] %' [X]
Batch rating	Select by Rating/Laber	
Batch label	Save Selection to file	[+]
Batch copy/move	Load Selection from file	[1]
Batch external edit	Load Selection nom me	[+]
General Functions	Append Selection from file	[+]
Restore Defaults		ad Export Cancel OK
Restore Delauits		



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.

	Keyboard Shortcuts editor
File Handling Filter files in folder	Display full color RGB [+] #2 [x]
File Copy/Move/Reject Zoom-Pan	Display R channel [+] 983 [x]
Rotate Image Display	Display G channel [+] %4 [x]
Image Adjustments Information Panels	Display B channel [+] %5 [x]
XMP Rating XMP Labels	Display BW conversion [+] \$\$6 [x]
External editors File Selection for batch	Switch data to display (RAW, embedded JPEG, ext. JPEG [+] J [x] Press here
Batch rotation Batch rating Batch label	Toggle Focus Peaking (None/Edges/Fine Details/Both)[+]P[x]to delete the Shortcut
Batch copy/move Batch external edit	Focus Peaking: contrast edges [+] Combination
General Functions	Focus Peaking: fine details Press here to change a Shortcut Combination
Restore Defaults	Press here to add Load Export Cancel OK

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.



Background and Panels Color Schemes, Font Size, other General Interface Settings

• Menu -> FastRawViewer -> Preferences -> Interface <u>or</u> Panels

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.

	FastRawViewer Preferences			
File Handling └► Copy/Move/Reject	Bottom bar font size	Normal		
L► Removable media L► File formats	Background Gray Level			
XMP └▶ Ratings & labels	Selected/active files contrast			
L► Exposure, Contrast, WB	Selected files background	Red		
Interface	Active (current) file border	Normal		
└► Zoom	Activate program on file drop	Fullscreen mode		
L► Grid/Filmstrip Image Display	Ignore successive wheel events for	0 msec		
└► Exposure	Restore last View settings on prog	gram start		
└► White Balance	White Balance Use built-in drive/folder icons in Folders panel			
Sharpening Use system Open File/Open Folder dialogs				
Color Management	✓ Use built-in file/folder icons in	Open File/Open Folder dialogs		
GPU Processing External Editors	Force open folders panel if started	d without filename		
Performance	Disable splash screen			
L► Thumbnail cache	Edit bottom bar items			
Other				
Restore Defaults		Cancel OK		



Tuning Settings for Grid View and Filmstrip Panel

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

	FastRawViewer Preferenc	es
File Handling └► Copy/Move/Reject └► Removable media └► File formats XMP └► Ratings & labels	 Enable Grid mode Start in Grid mode Remember Grid/Single file s Browse folders in Grid mode Hide panels floating within r 	8
L► Exposure, Contrast, WB Interface L► Panels	Hide docked Filmstrip in Grid n RAW processing in Grid mode	node If Docked at bottom 🗘 Partial 🗘
L > Com L > Grid/Filmstrip Image Display L > Exposure L > White Balance L > Sharpening Color Management GPU Processing External Editors Performance L > Thumbnail cache	 Single file keys work for multiplication If the current file is not in the g selected files single-file shortcowith: Apply automatic brightening to 	roup of suts will work Selected group III IIII Selected group IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII
Other	 Ignore folder paths on selection Filmstrip panel font size 	Auto
	Pause thumbnail decoding while RAW being processed	No



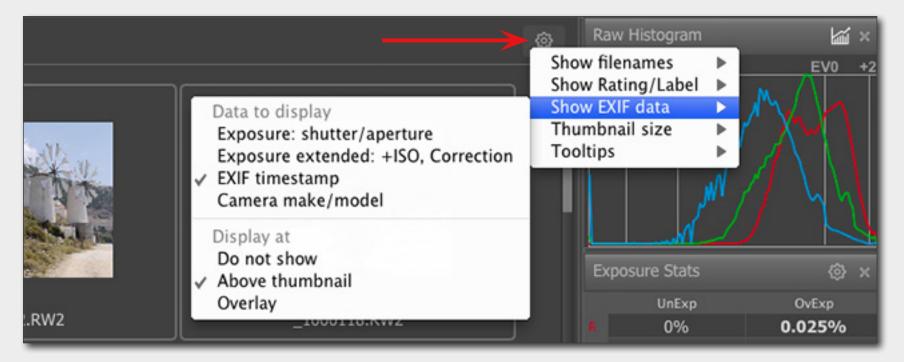
Control Panel Display in Grid View Mode

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.

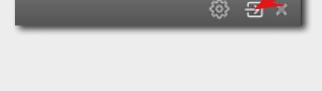
Toggle Panel Display

- 1. Every panel can be toggled open and closed through:
 - Menu -> Panels or a keyboard shortcut (default or assigned)

To change panels keyboard shortcuts, please look at:

• Menu -> File -> Customize -> Keyboard Shortcuts -> Information Panels

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

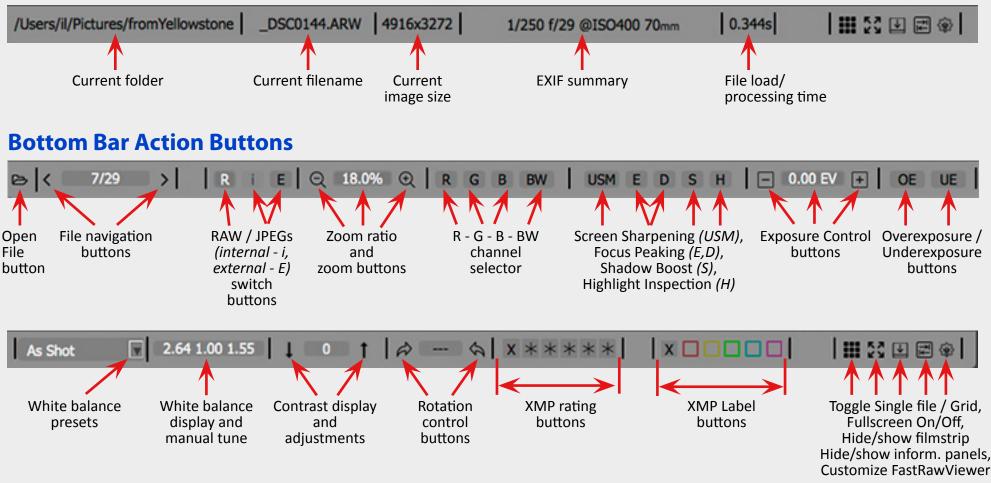




Bottom Bar Structure

Bottom Bar has both *Information fields* and *Action fields with buttons*. Given the total number of possible fields and buttons they can't be displayed all together, so the user should <u>customize</u> **Bottom Bar** according to personal preferences by choosing which fields should be *always visible*, which fields should be *visible if fits (if the size of the window permits it)*, which fields to *hide (please see the the Bottom Bar Customisation for details)*. Of course all these choices are easily reversable.

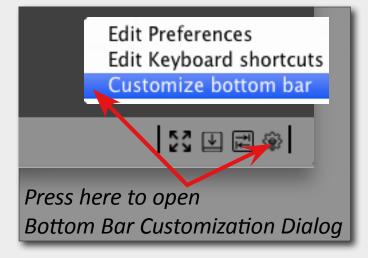
Bottom Bar Information Fields





Bottom Bar Customization

- 1. Open Bottom Bar Customization Dialog
- Through the *gear icon* at the lower right corner • of the Bottom Bar:



or through

- Menu -> File -> Customize -> Customize bottom bar
- or through
- Menu -> FastRawViewer -> Preferences -> Interface

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

		Visibilit	у
ottom bar item	always	if fits	hide
open File button	•	0	0
ile navigation buttons	•	0	0
urrent folder	0	0	•
urrent filename	0	•	0
urrent image size	0	0	•
XIF summary	0	•	0
oom ratio and zoom buttons	0	0	•
ile load/processing time	0	0	•
AW/JPEG switch buttons	•	0	0
-G-B-BW channel selector	0	•	0
ocus peaking, Shadow boost, lighlights inspection, USM	•	0	0
xposure control buttons	•	0	0
ver/Underexposure buttons	•	0	0
thite balance presets	•	0	0
White balance manual tune	0	•	00
ontrast display and adjustment	0	Θ	0
lotation control buttons	0	•	0
MP Rating buttons	0	0	•
MP Label indicator	0	0	•
MP Label buttons	0	0	Θ
ullscreen, hide/show filmstrip/dock, nd customize buttons	•	0	0

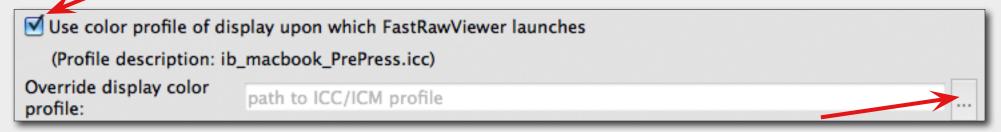


Color Management

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.



If you use a Wide Gamut monitor

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



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

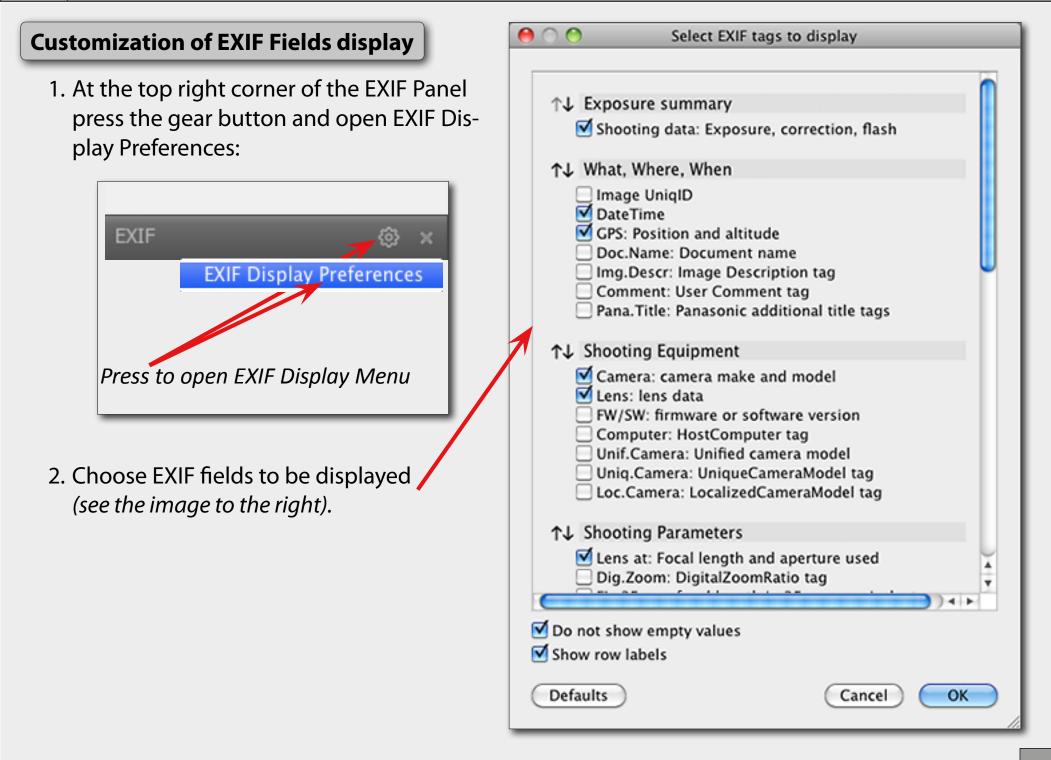
The image may look better with color management off

(leave the box "Enable Color Management" at the top of Color Management Menu unchecked)

Enable Color Management



Getting familiar with the FRV Tools and Features: EXIF View





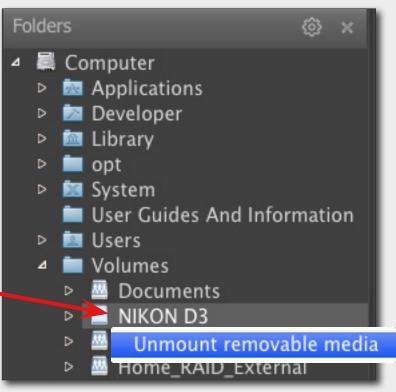
Access Files and Folders Using Folders Panel

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



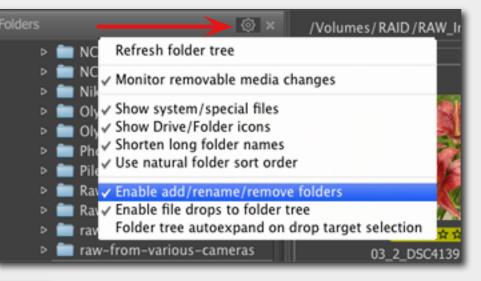
FastRawViewer Preferences				
File Handling └► Copy/Move/Reject └► Removable media └► File formats XMP └► Ratings & labels └► Exposure, Contrast, WB Interface └► Panels └► Zoom └► Grid/Filmstrip	Removable and Network Me Do nothing Open folder On Removable Media arrive ✓ Open most recent subfolder in Folder DCIM ✓ Warn before automatically open folder on removable media Removable Media Performance Monitor folder changes on removable media Prefetch depth on removable media 4 files 🗘			



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.



Taw-from-various-cameras 03_2_DSC4139.NEF	
RAW_ImagesFinals	
Raw_Work Add /Volumes/NL_Home_RAID_External/RAW_Imag	esFinals to fav
Roses_and Start folder tree at /Volumes/NL_Home_RAID_Exter	
Savannah Create subfolder	
Sigmarnot Rename folder	
Sony_Cher Delete folder: could not delete current folder	

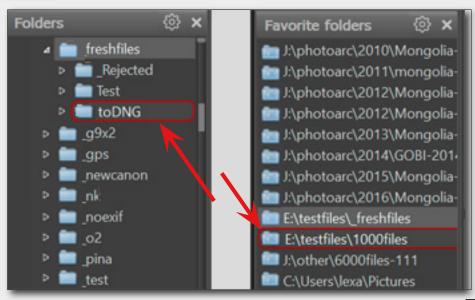
When **Enable add/rename/remove folders** is on, you can choose the desired action in the context menu (*right-click on the folder*):

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.



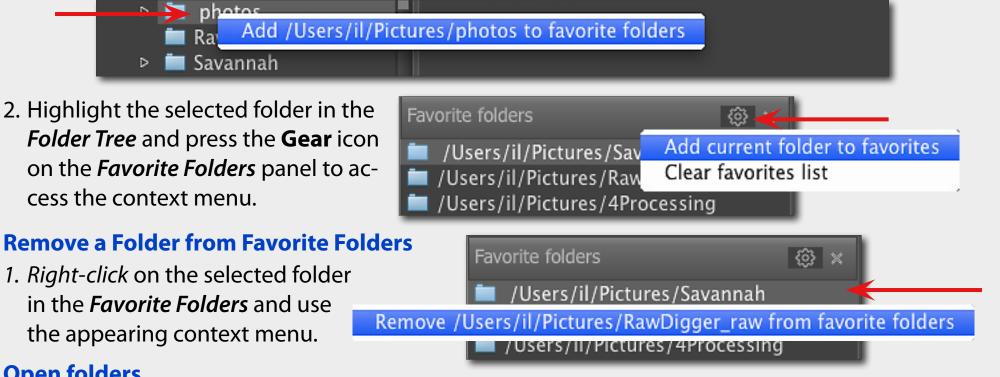


Working with the Favorite Folders Panel

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.



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.

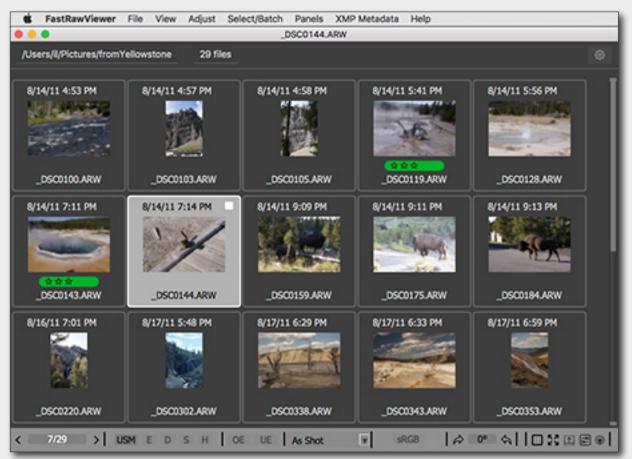
Clear Favorite Folders List

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

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

• <u>Mouse</u>: the wheel scrolls through the contents of the folder up and down.

or

Switching to Single File View Mode

- GEnter
- <u>or</u>

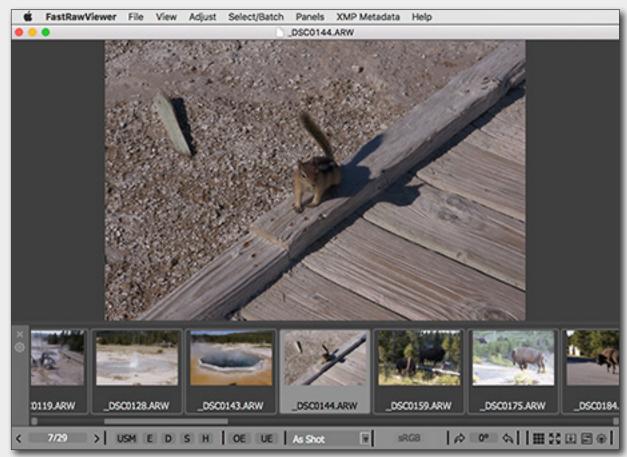
or

- Menu -> View -> Switch to single image
- A double-click on a file in the grid



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

- <u>Keyboard</u>: arrowkeys in the Filmstrip, customized shortcuts for Next File/Prev. File and First/Last File in folder.
- <u>Mouse</u>: the wheel scrolls through the contents of the Filmstrip left and right;
- <u>Buttons for navigating through</u> 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

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



Choose XMP Label and Rating Style

Menu -> FastRawViewer -> Preferences -> Rating & labels

• • •	FastRaw\	/iewer Preferences		
File Handling └► Copy/Move/Reject └► Removable media	XMP Label style XMP Custom labe	Color labels (Adobe L	ightroom defaults)	0
L File formats	Select	Second		
L► Ratings & labels	Approved	Review		
L Exposure, Contrast, WB Interface L Panels	To Do	ct rating (used by Adob	e Bridge)	
└► Zoom	Use custom st	ring for not set label	No Label	
⊢► Grid/Filmstrip Image Display └► Exposure		op:Urgency tag with lab on rating/label change	els (for old Camera One None	e) ©
└► White Balance				

Assign XMP Label and Rating to the Image

• Menu -> XMP Metadata <u>or</u> corresponding keyboard shortcuts

Change Keyboard Shortcuts

- Menu -> File -> Customize -> Keyboard Shortcuts -> XMP Rating
- Menu -> File -> Customize -> 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
- 5. Move back to dock area.

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.

	3 4 5
Sort & Filter 👩 📌 🤇	े की मिर
 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 1	
01 Apr - 11 Jul 08	
01 Apr - 10 May 06	
🗹 10 Jan - 04 Apr 17	
Past	☑ 0/29
No timestamp	0

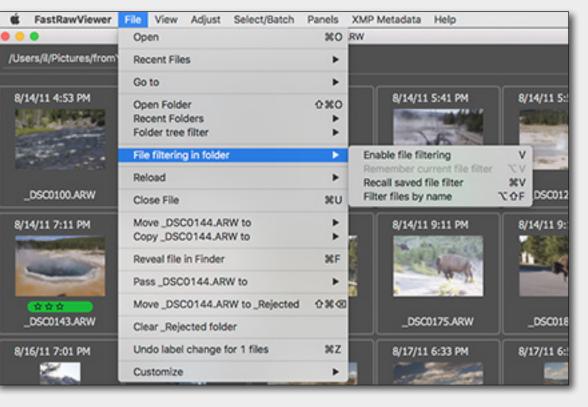


Getting familiar with the FRV Tools and Features: Sorting and Filtering Files

Saving, Cancel and Restore Filters

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

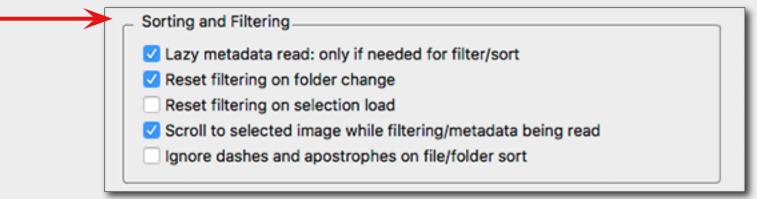
- Menu->File->File filtering in folder
 - or corresponding hotkeys



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





Getting familiar with the FRV Tools and Features: File Selection/Batch Operation

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;

<u>or</u>

• 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).



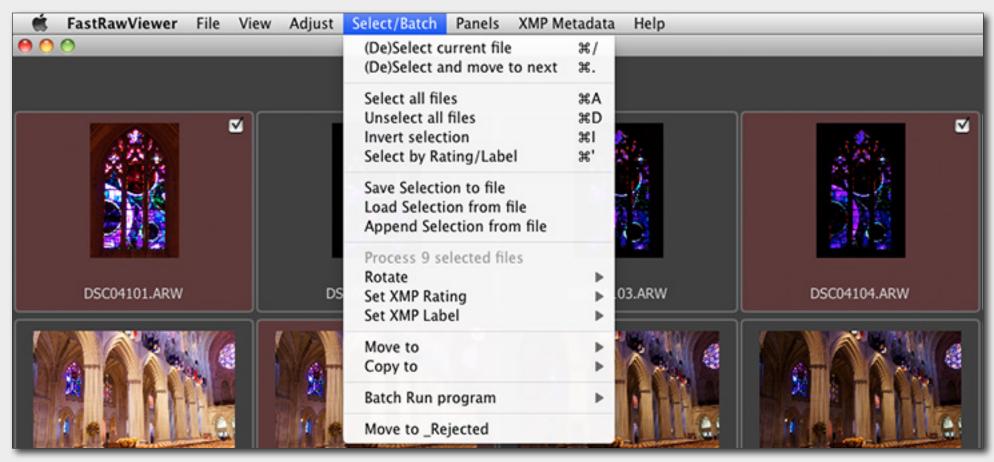
- or choose the actions through:
- Menu -> Select/Batch <u>or</u>
- Menu -> Select (if the option "Single file keys work for multiple files too" was checked in Menu -> FastRawViewer -> Preferences -> Grid / Filmstrip)



Batch Operations

Batch operations for selected files available through:

• Menu -> Select/Batch <u>or</u> corresponding keyboard shortcuts



• <u>or</u> **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 -> Customize ->Keyboard Shortcut -> Batch ...



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.

FastRawViewer 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**.

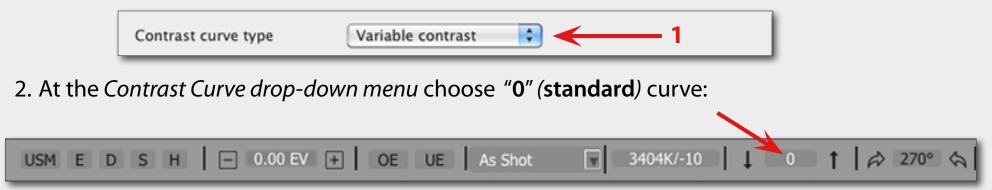
The detailed information about these tools can be found in FastRawViewer manual. They also briefly covered in tips.



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**:



- 3. At the **Menu** -> **FastRawViewer** -> **Preferences** -> **Exposure**
 - 3a. "Apply Adobe hidden exposure correction" is "on" (check the proper box)
 - 3b. Choose *No correction* from the drop-down **Exposure correction on file open**

Apply Adobe hidden exposure correction	—— 3a
Set hidden exposure correction to 0.75 EV	
Use camera provided highlight limit	
Exposure correction on file open No correction	3b



•

Matching FRV Image Display to RAW Converter

If the image display in FastRawviewer does not match the display in Adobe ACR/Lr or other converter (*brightness is different, color is off, etc.*), please check the following:

Disable Auto Exposure Correction

Press **A** <u>or</u> Toggle Exposure Correction button at the **Bottom Bar**



Enable Color Management

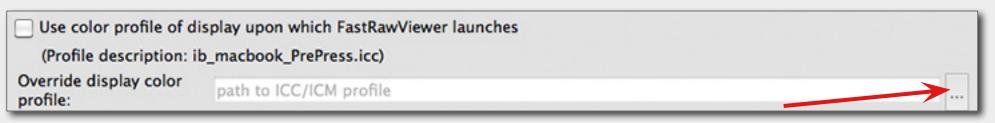
Menu -> FastRawViewer -> Preferences -> Color Management -> check the box

"Enable Color Management"

🗹 Enable Color Management

Choose correct Monitor Profile

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



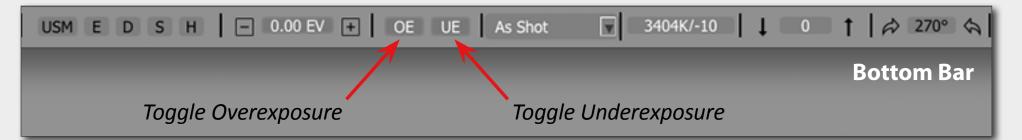


•

Checking for Over- and Underexposure

Toggling Over- and Underexposure Indication

- O <u>or</u> Menu -> View -> Overexposure Display
- U <u>or</u> Menu -> View -> Underexposure Display
- <u>or</u> Toggle OverExposure (OE) and Underexposure (UE) buttons at the Bottom Bar



Over- and Underexposure Statistics

	Exp	posure Stats		© Ð ×
At the Information Windows Dock you can find		UnExp	OvExp	OE+Corr
Over- and Underexposure Statistics Panel	R			
(see the picture to the right).	→ a			
	в	175 0%	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

Over/Underexposure display		1
🗹 Exposure adjustments affect Over	Exposure di	splay
Under/Overexposure layer opacity	1.00	
🗹 Use camera linearity limit to dete	ct clipping	
Fixed underexposure detection limi	9.0 EV 💂	below saturation
🗹 ISO-based underexposure limit	9.0 EV (*	@ISO200
	7.0 EV 🔹	@ISO1600
	3.0 EV 🔹	@high ISO



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

🗹 High contrast edges	Edges display color	Green	\$
Fine details	Details display color	Red	\$
Both filters	Focus Peaking opacity	0.70	0

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

- Press P <u>or</u> Menu -> View -> Toggle Focus Peaking
- <u>or</u> Toggle *Edges* (*E*) and *Details* (*D*) buttons at the **Bottom Bar**





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

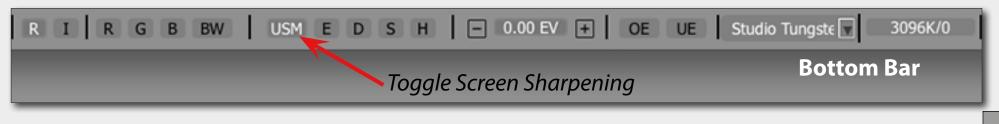
You can switch between two levels of sharpening:

Menu -> FastRawViewer -> Preferences -> Sharpening

	Mode:	Radius	Amount
Preset 1:	Button/Shortcut	1.00 px 🗘	100 % 🗘
Preset 2:	🗹 Enabled	2.00 px 🗘	100 % 🗘
	Sharpen RAW files o	only	

Toggle Screen Sharpening

- Press S <u>or</u> Menu -> File -> Screen Sharpening
- <u>or</u> Toggle Screen Sharpening (USM unsharp mask) button at the 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 $\triangle S$. 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

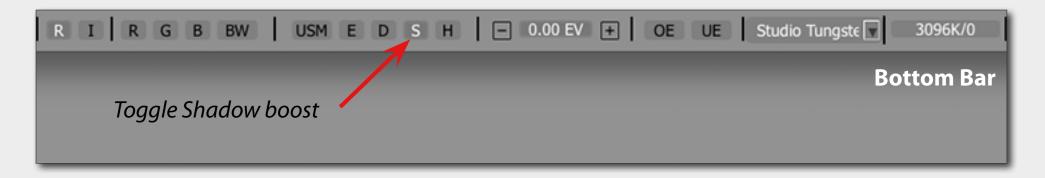
To Set the Amount of Shadow Boost

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



Toggle Shadow Boost on/off

- Press ①S <u>or</u> Menu -> View -> Boost Shadows
- <u>or</u> Toggle **Shadow Boost** (S) button at the **Bottom Bar**





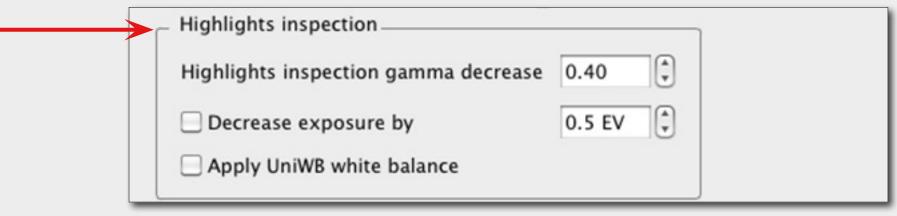
Assessing the Image: Highlights

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 highlights 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

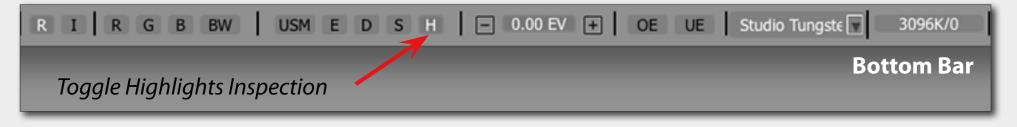
Choose Settings for Highlights Inspection

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



Toggle Highlights Inspection on/off

- Press ①H <u>or</u> Menu -> View -> Highlights inspection
- <u>or</u> Toggle *Highlight Inspection* (*H*) button at the **Bottom Bar**





Assessing the Image: Exposure Correction

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)

ûΑ

Switch Auto Exposure Correction "on"

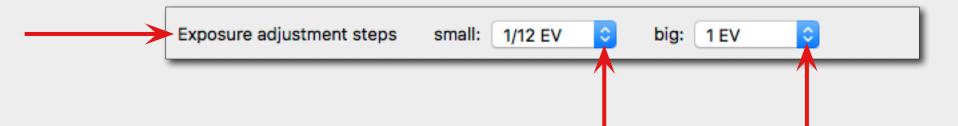
or

• Press

Menu -> Adjust -> Auto Exposure Correction

Choosing the Step Size for Exposure Correction

• Menu -> FastRawViewer -> Preferences -> Exposure -> Exposure adjustment steps





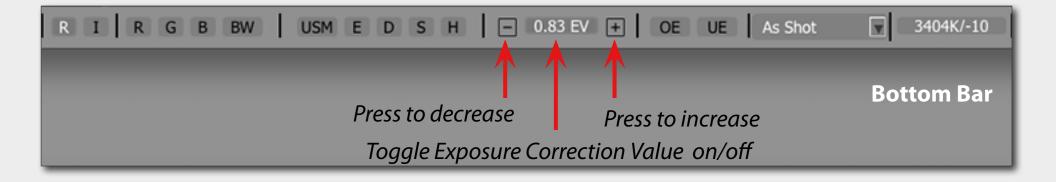
Controlling Exposure Correction (#2)

Switch Exposure Correction on/off

- Press A <u>or</u> Menu -> Adjust -> Exposure Correction <u>or</u>
- Press the Exposure Correction Value field at the Bottom Bar

Increase/Decrease Exposure Correction

- Press ヽ+ / ヽ- <u>or</u>
- Click + / at the Bottom Bar





Quick Way: White Balance Presets

or

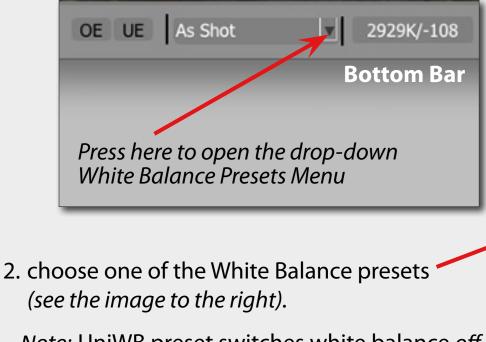
Cycle between Auto/As Shot/Daylight/Custom White Balance Presets

• Press W

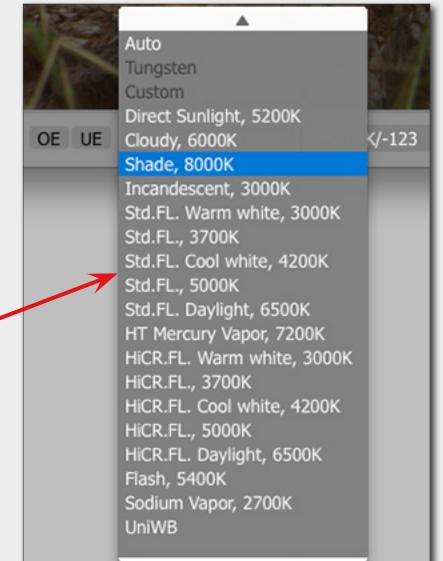
Menu -> Adjust -> Toggle White Balance

More White Balance Presets

1. At the Bottom Bar:



(see the image to the right). <u>Note:</u> UniWB preset switches white balance <u>off</u> completely.





Sampling Grey Point

Choosing the Sampler Size

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

00	FastRawViewer Preferences	
File Handling	White Balance Sampler size: White Balance for next file (same camera) White Balance for next file (another camera) White Balance display mode White Balance edit mode Keep Custom White Balance for next file (s Read White Balance presets from RAW (if)	

Setting the Grey Point

Click on

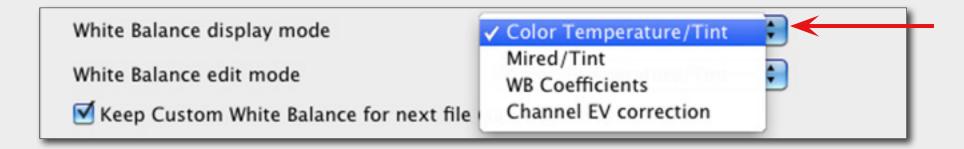
Ҡ LeftClick

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

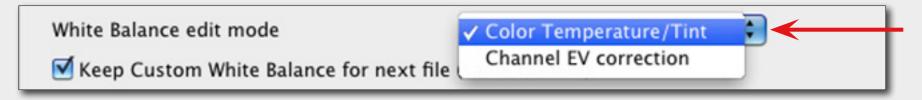




Fine-tuning White Balance

Choose White balance Edit Mode

• Menu -> FastRawViewer -> Preferences -> White Balance -> White Balance edit mode



Adjust White Balance

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

	White Balance		White Balance
LE L	Color Temperature 3096 K 🕃	R	0.79 EV 🕄
	Tint 🕄		0.00 EV
	OK Cancel		OK Cancel
As Shot 💽	3096K/-10 1 0 ↑ 🔗 0° ♠	As Shot +0.79 0 +1.09	
Bottom Ba	r 1833 1181	re to open justments 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":

- <u>or</u> Press vertical arrows at the **Bottom Bar**





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

File Handling └► Copy/Move/Reject └► Removable media └► File formats XMP └► Ratings & labels └► Exposure, Contrast, WB	 Use XMP for RAW files Read Only XMP Warn about XMP writing errors Warn if overwrite XMP for file with same name Disable batch XMP operations if files with same name are selected Force XMP files creation
Interface └► Panels	Write XMP blocks to JPEG files instead of creating sidecars

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

Force RPPS files cre	ation
	white balance for RGB files
RPPS Template:	[X]



Adjusting Settings and Basic Conversion Parameters

If you are using Adobe ACR or Lr you should:

0a. Switch on "Apply Adobe Exposure Correction"

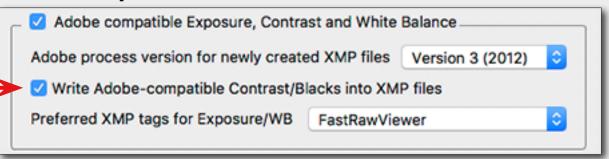
Menu -> FastRawViewer -> Preferences -> Exposure

Apply Adobe hidden exposure correction

Ob. Switch on "Adobe compatible Exposure, Contrast and White balance"

Menu -> FastRawViewer -> Preferences -> Exposure, Contrast, WB

To record Contrast in the format that is acknowledged by Adobe converters, check *"Write Adobecompatible 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 90° CCW (<u>or</u> (第7))/ Rotate 90° CW (<u>or</u> 策9))
- <u>or</u> Press rotation arrows at the **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')

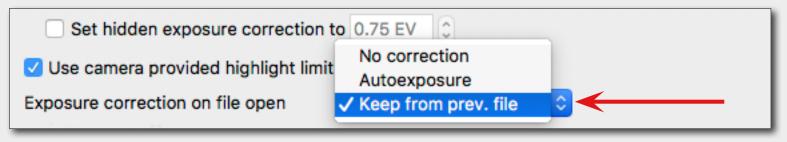


It often happens that several files need the same adjustments to **White Balance**, **Exposure** and **Orientation**. To do so, FastRawViewer offers **Propagation Mode**: in this mode adjustments made to Exposure and White Balance are **automatically applied** to the next image you open in FastRawViewer.

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

Keep Exposure Correction for the Next Frame

Menu -> FastRawViewer -> Preferences -> Exposure -> Exposure correction on file open
 -> choose Keep from prev. file



Keep White Balance for the Next Frame

Menu -> FastRawViewer -> Preferences -> White Balance -> White Balance for next file
 -> choose Same as previous

White Balance for next file (same camera)	✓ Same as previous	
White Balance for next file (another camera)	As Shot Daylight	0
White Balance display mode	Auto Tungsten	•
White Balance edit mode	Camera Auto/As Shot	0

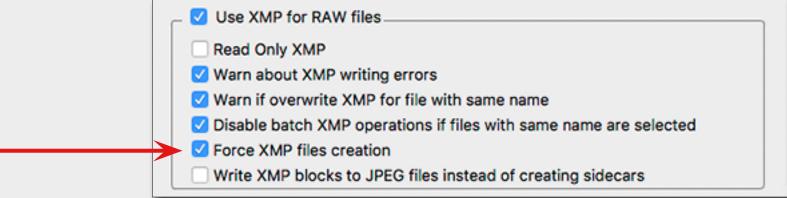


When using Propagation you may choose **Forced Mode** of recording sidecar files. In this case even if no individual adjustments were applied to the image the sidecar file will be written containing all the changes you've made last time within the session. Thus all RAW files will have accompanying sidecar 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 XMP files creation



Force RPPS Files Creation

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

• Menu -> FastRawViewer -> Preferences -> Other -> Force RPPS files creation

	Write RPPS files (RawPhotoProcessor)	
-	Force RPPS files creation	(1)
	Never write Green2 white balance for RGB	files
	RPPS Template:	[x