

Where to Get Prints?

By Rick Graves

Where to Get Prints?

- Shutterfly
 - Many options
 - Easy upload
 - <https://www.shutterfly.com/>
- White House Custom Color
 - Several paper choices
 - Based in Eagan
 - <https://www.whcc.com/>

Both have good turn around times

Shutterfly

- Offers mail order or 1 hour print pickup from local businesses (Walgreens or CVS Pharmacy)
 - May be limited in sizes
- Set up an account, upload images and order prints
- Can organize and share your photos with family and friends on-line

White House Custom Color

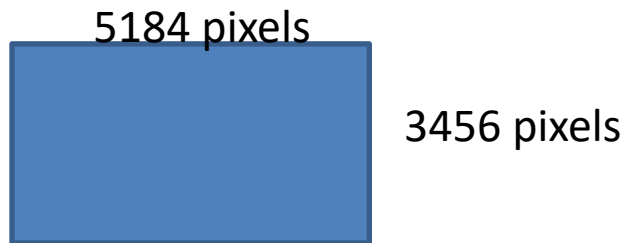
- Mail order only
- Has help tutorial for file preparation
 - <https://www.whcc.com/help/topics/color-management/accepted-file-types/>
- Recommends
 - 300 pixels per inch since most of their printing is 300 DPI (dots per inch)
 - sRGB or Adobe RGB color profile
 - jpg quality of 10 or 90% or higher in Lightroom

What File Do I Send?

- After all of your optimizing / editing is completed
 - Save the finished file
 - Resize it for the printing or other output
 - Apply any necessary image sharpening
 - Save the resized, sharpened file with a different name
 - jpg with quality of 10 (or above 90%)
 - sRGB color profile

What does 300 pixels per inch mean anyway?

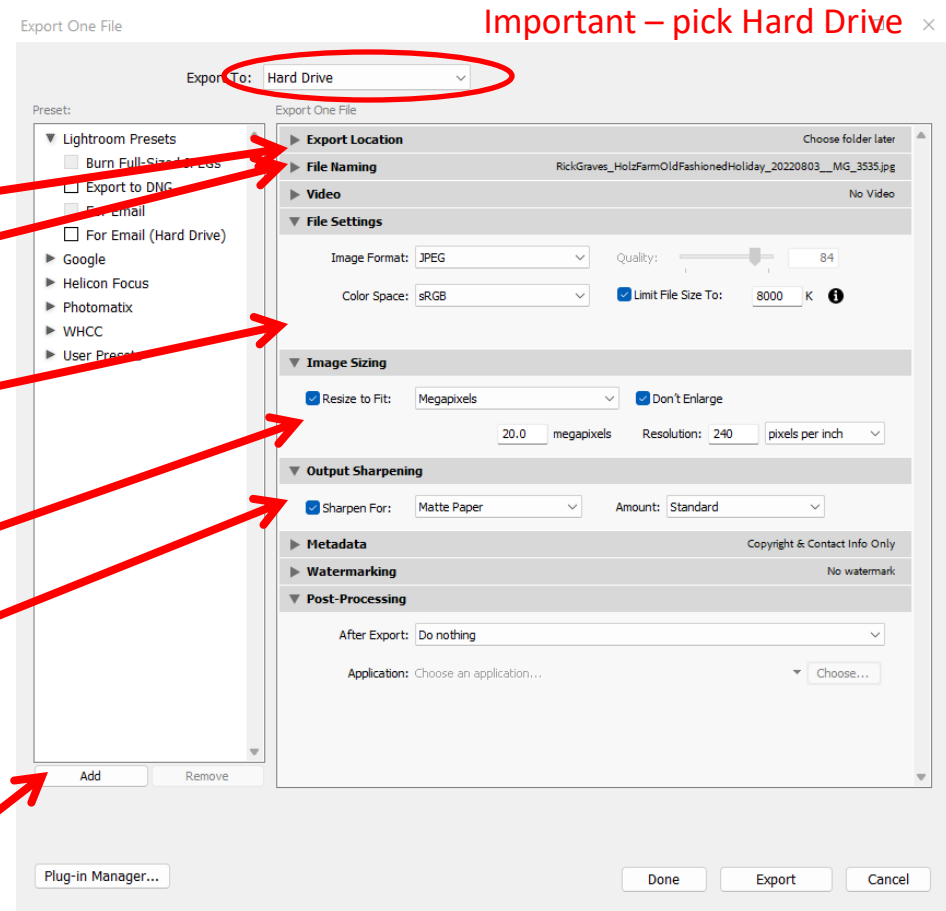
- Assume an 18 megapixel image
 - Image dimensions are 5184 pixels by 3456 pixels
 - $5184 \times 3456 = 17.91$ megapixels (an 18 megapixel image)



- How large can I print this 18 megapixel image?
 - 5184 pixels divided by 300 pixels per inch = 17.28 inches
 - 3456 pixels divided by 300 pixels per inch = 11.52 inches
 - You can print this file up to 11x17 inches and expect good quality

Resize and Output In Lightroom Classic

- File -> Export...
 - Select output location
 - Select file name
 - File settings
 - Pick JPEG, sRGB, 100 quality
 - Image sizing for your needs
 - Sharpening per paper type



You can save these settings as a preset

Output From Other Software

- You may have to do the math yourself and tell the software to resize the image to the desired pixel dimensions
- Example:
 - 18 megapixel image - Want an 8x10 inch print
 - 8 inches x 300 pixels per inch = 2400 pixels
 - 10 inches x 300 pixels per inch = 3000 pixels
 - Your 8x10 print needs a 2400 pixels x 3000 pixels image file but your 18 megapixel file is 5184 pixels x 3456 pixels
 - Resize it using the tools in your particular software
 - You will need to crop something too, in this case because the 18 megapixel image will resize to an 8x12 inches – you need to crop off two inches. Do this crop first, then resize
 - Alternative: make an 8x12 inch print if that size is offered

Similar math for other print sizes

Questions?