


Converting to Grayscale from a Digital Scan or RAW file

1. Be sure that Color Setting in Photoshop show the Gray working space set to be “Gray Gamma 2.2”
2. Bring the image into Photoshop. Depending on the source image, choose of these two options:
 - a. RAW file: Import using the Camera RAW filter, paying special attention to the histogram.
 - b. Negative Scan: Scan the b/w negative exactly as if it were a color negative
3. Crop and rotate the file if necessary. Spot the file using the Healing and Clone brushes.
4. Go to Image>Adjustments>Channel Mixer
5. Turn on the “Monochrome” option in the lower-left hand side of the Channel Mixer window.
6. Mix the Red, Green and Blue channels using the sliders.
If necessary, adjust overall density with the Constant slider.
7. Keep an eye on the Histogram palette and also on the image. Look for the result that gives you the best separation of tones. When you are pleased with the adjustment, press the OK button.
8. Your file is now ready for overall tonal adjustments with a Curves adjustment layer.
9. Before printing be sure to apply the Unsharp Mask filter and do any localized adjustments.
10. Convert the file from RGB to Grayscale:
Image>Mode>Grayscale
 - a. If you haven't used adjustment layers, it may ask you to “Discard color information?” click the OK button.
 - b. If you've used adjustment layers, then it will be “Flatten layers before mode change?” click Don't Flatten.
11. Double-check the profile of your image by clicking the small triangle at the bottom of the image window:
 >Show>Document Profile
It should read “Gray Gamma 2.2 (16 bpc)”
12. Your file is now ready to be printed with the Advance Black and White Photo mode in the printer.

Printing in Grayscale with the Epson 4800

1. If you did the previous steps correctly, the working space for your file should be “Gray Gamma 2.2”
2. Go through the printing process exactly as you would for color with the following exceptions:
 - a. In the Print Preview window, your working space should read “Gray Gamma 2.2”
 - b. In the Printer dialogue box under Print Settings, change the option from color to Advanced b/w Photo
 - c. Under color management, change the overall tone if desired. (i.e. cool, warm, sepia)
3. Press the Print button when ready.