

With the age of digital cameras we are frequently asked about about **RGB** files, color correcting and conversions.

RGB files have the color spectrum of **Red**, **Green** and **Blue**. Not suitable for lithographic printing but, because **RGB** has a much larger color gamut than **CMKY**, we would always recommend that any color correction is done in this mode.

Once you are happy with the colors, then convert them to **CMKY** for litho printing.

Converting **RGB** files to the correct format, either **CMKY** for full color process printing or PMS / Grayscale for single color or Spot color printing, is usually done in Photoshop.

To convert **RGB** to **CMKY** using Photoshop go:

>Image >mode >CMYK then >File >Save As >Format >TIFF

If you are working in a single color document, ie black, to convert your image to Grayscale go:

>Image >mode >Grayscale then >File >Save As >Format >TIFF

If working in a document using PMS colors and you want your **RGB** or **CMKY** image as one of the PMS Colors you are using go:

>Image >mode >Grayscale then >Image >mode >Duotone then in >Type select Monotone. Click on the colored box and select the PMS color that you require then >File >Save As >Format >EPS

Note: Depending upon how you have your files and folders set up, it is always a good idea to retain your original files - just in case. It is therefore recommended that when you have done any conversions that you give them a different name ie: Your original RGB may be called Winter Scene. You could save this as WinterSceneCMYK or WinterScenePMS etc etc

If you have any questions regarding file conversion, contact our prepress department 208-375-7700