

CONTRIBUTED DOCUMENTATION

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Photoshop: Prepare Photos for Print

Tips for Scanning Photographs

Do's

- **Do** save photos as .tif or .eps format. These image formats will preserve the color and sharpness of your pictures the best.
- **Do** scan photos using a resolution of 300 dpi.

Don'ts

- **Do not** scan a photograph at 300 dpi and then enlarge the picture.
- **Do not** use photos from a Web site. Web images have a resolution of 72 dpi and will look blurry if printed on a printing press.

Digital Cameras

Photos from a digital camera will work fine as a .jpg. The quality of .jpg photos from digital cameras is better than .jpg photos used on the Web.

Image Resolution

Resolution refers to the number of pixels in an image. Resolution is sometimes referred to by the width and height of the image as well as the total number of pixels in the image. For example, an image that is 1600 pixels wide and 1200 pixels high (1600x1200) contains 1,920,000 pixels.

Pixel Size and Print Size

Pixel Size	Print Size
640 X 480	4 x 6

1152 x 864	5 x 7
1600 x 1200	8 x 10

RGB and CMYK Modes

Scanners and digital cameras create images using combinations of just three colors: Red, Green and Blue (RGB). These are the colors computers use to display photos. Printing presses print full color photos using Cyan (blue), Magenta (red), Yellow and Black. This is know as CMYK mode. Use ***Photoshop*** to convert RGB photos to CMYK.