Slides: Digitally output slides are generally excellent in quality and reasonable in cost (around $ 10). They must be output on a film recorder from an RGB file. Satisfactory results can be obtained with file sizes of 7 - 9 MB. Because 35mm slide film is incapable of recording more than 18MB of information, there is nothing whatsoever to be gained by using higher resolution files. Larger files will only dramatically slow down the output process. Slide files should be prepared as horizontals and be cropped to fit the 24x36mm frame size of the slide. You should rotate verticals to horizontal for output.

Transparencies: Digital files can be output as 4x5 or 8x10 transparencies if you have the demand for film. The quality can be every bit as good as a camera original if the scan and file are properly executed. Naturally the file must be in RGB colorspace and of sufficient resolution to warrant 4x5 or 8x10 film. (60 - 200MB) Files containing smooth gradients should be of very high resolution.   Pricing: 4x5's around $125.00 and 8x10's about $250.00

Negatives: Digital files can be output as 4x5 or 8x10 negatives if you have the need for color prints. The file must be in RGB colorspace and of sufficient resolution to warrant 4x5 or 8x10 film. Files containing smooth gradients or fine typography should be of very high resolution.   Pricing: 4x5's around $125.00 and 8x10's about $ 250.00

Duratrans: There are some shops that can output Duratrans direct from a digital file. The output is at 150dpi and the size is generally limited to 48 in. x48 in. Most Duratrans are produced via a negative. Appropriate file sizes are 80 - 200MB in RGB colorspace.

LightJet: A lightjet is a mural sized (48 in. wide) film recorder that uses red, green, and blue lasers to create a photographic quality image on large photo print paper or display transparency material. They have none of the dithering or banding effects associated with inkjet or bubble jet printers. The light jet is capable of output resolutions of up to 405ppi.

Web Site Images want to be absolutely as small as is possible so that they download quickly. Photographic images work best in JPEG format which utilizes the maximum color range of the end users monitor. Illustrations that do not require full continuous-tone color are best presented as indexed color GIF format files. To avoid dithering these illustrations should be prepared using only the 216 colors of the Netscape Palette.