

# How to process raster graphics for FrameMaker

## Screen Shots

Save as PNG—never JPEG

Don't change resolution too large to fit layout.

Change size in Photoshop using Nearest Neighbor setting and try to use “half” percentages (50%, 25%).

## Color Photos

Color mode: Keep in RGB.

Crop image as needed.

Got to Image Size and set Resolution to:

- 225-300 ppi for commercially printed books
- 150-225 for laser-printed books

Note the overlapping 225 ppi is a good middle ground.

If image width is wider than FrameMaker layout maximum column width, set width to maximum column width (or smaller)

Save as LZW-compressed TIFF, PSD, or PNG.

JPEG is okay for camera photos without high detail; do not use JPEG for graphic-type images, such as charts and logos.

## Grayscale Photos

Convert with Grayscale menu or, for better results, use the Black-and-White adjustment before converting to grayscale.

Save as LZW-compressed TIFF.

## Line Art (Schematics, text, etc.)

Use vector art files whenever possible.

Formats include PDF, EPS, native AI.

Programs include AutoCAD, Visio, Adobe Illustrator, CorelDRAW, Excel charts, Inkscape.

If you must scan art:

In scanner software, use “Black-&-White” or “Line Art” mode—do not use Grayscale or Color.

In scanner software, scan no larger than the highest optical resolution available.

Most modern scanners can handle 1200 ppi at 100%.

(More than 1800 ppi is not necessary.)

Save as LZW-compressed TIFF—NEVER JPEG or PNG.

Questions? Contact David Creamer at IDEAS Training

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