

DIFFERENCE

RASTER IMAGE

In computer graphics, a raster graphics image is a dot matrix data structure representing a generally rectangular grid of pixels, or points of color, viewable via a monitor, paper, or other display medium. Raster images are stored in image files with varying formats.

- Made of pixels (tiny dots)
- Scaled up image will have quality
- Extra time to convert to vector
- Perfect for printing and photographs
- File Types: GIF, TIF, BMP, JPG

VECTOR IMAGE

Vector graphics is the use of geometrical primitives such as points, lines, curves, and shapes or polygons—all of which are based on mathematical expressions—to represent images in computer graphics.

- Made of mathematical calculation that form objects and lines
- Scaled to any size in same quality
- Can be printed at any resolution
- Can be easily converted to raster
- Good for engraving and sandblasting
- File Types: AI, EPS, CDR