

Vector Graphic

Unlike JPEGs, GIFs, and BMP images (raster graphics), vector graphics are not made up of a grid of pixels. Instead, vector graphics are comprised of paths, which are defined by a start and end point, along with other points, curves, and angles along the way. A path can be a line, a square, a triangle, or a curvy shape. These paths can be used to create simple drawings or complex diagrams. Paths are even used to define the characters of specific typefaces.

Because vector-based images are not made up of a specific numbers of dots, they can be scaled to a larger size and not lose any image quality. If you blow up a raster graphic, it will look blocky, or “pixilated.” When you blow up a vector graphic, the edges of each object within the graphic stay smooth and clean. This makes vector graphics ideal for logos, which can be small enough to appear on a business card, but can also be scaled to fill a billboard. Common types of vector graphics include Adobe Illustrator, EPS files, and Corel Draw.

.ai

.eps

.cdr