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Thread: [Vector vs Raster graphics format | What you should know](#)

Ienaos - July 30, 2015, 8:14 pm

Raster:

A raster is a grid of x and y coordinates on a display space. (And for three-dimensional images, a z coordinate.) A raster image file identifies which of these coordinates to illuminate in monochrome or color values.

For example (zoomed in):

[img]http://vector-conversions.com/images/451x301xraster_vs_vector_1.jpg.pagespeed.ic.ZXuaeWGVZT.jpg[/img]

Vector:

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.

For Example (zoomed in):

[img]<http://blog.transferexpress.com/blog/wp-content/uploads/2011/06/Vector-image.gif>[/img]

A comparison:

[img]http://vector-conversions.com/images/499x202xraster_vs_vector.jpg.pagespeed.ic.PVAMZOzrJb.jpg[/img]

Popular raster programs are programs such as Adobe Photoshop; vector programs such as Adobe Illustrator.

Vector graphics format is useful for: logo's, branding, illustrations, etc.

Interested in vector graphics? Here's a video to get your started:

[Video: <https://www.youtube.com/watch?v=EXGY9Q7VmU8>]