What is vector art?

Vector graphics allow creatives to build high-quality works of art, with clean lines and shapes that can be scaled to any size.



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Vector artwork is art that's made up of vector graphics. These graphics are points, lines, curves and shapes that are based on mathematical formulas. When you scale a vector image file, it isn't low resolution and there's no loss of quality, so it can be sized to however large or small you need it to be. It's an excellent tool for putting company logos on business cards, creating poster designs, and when photo-shopping in Adobe Photoshop. Any art made with vector illustration software like Adobe Illustrator is considered vector art.

In comparison, raster art (also referred to as bitmaps or raster images) is created using colorized pixels. When you enlarge a raster file with pixel-based art too much, the edges look jagged and the quality is lost. The resolution independence vector art displays allows it to be used in a variety of forms, from small illustrations to massive billboards.