

# Compare and Contrast

## Raster Graphics

- Bitmap
- Pixel-Based (Squares)
- Scaleable (down only)
- Raster Graphics
- Jpg, bmp, png, tiff, and gif files
- More common than vectors
- Photos and some Illustrations

## Vector Graphics

- Based on Mathematical Equations that give instructions to connect points, lines, and curves, and fill shapes.
- Fully Scaleable (up and down)
- Eps, pdf, ai, sve, and wmf files
- Rare file types
- Illustration and Logos

Computer Generated (Digital)  
• Illustrations  
• Scaleable Down