

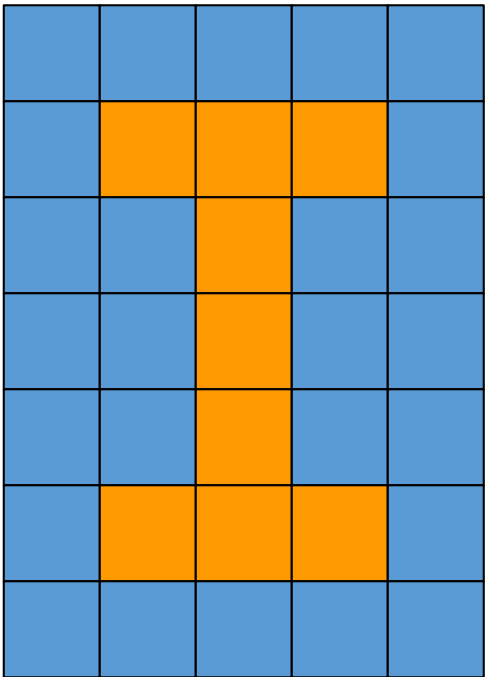
Image File Formats

Format	Fidelity	Complexity	Use
BMP	Uncompressed	Simple , Microsoft	Easy to process, windows icons
PPM	Uncompressed	Simple , open, dated	Easy to process, unix icons
GIF	Compressed Lossless (LZW)	Only 256 colors	Charts, graphs, diagrams, text
JPG (Exif)	Compressed Lossy (DCT)	Blocky, edges ring	Photographs
TIFF	Compressed Lossless (LZW)	Flexible but complex structure	Fax, scanning, artwork
PNG	Compressed Lossless (zlib)	Flexible but complex structure	Distributing images
SVG	Uncompressed	Flexible	Vector/Line Art

Color Palettes



- Store all RGB colors used in any image pixel in a table
- Store index to color in each pixel to compress data size



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97 97 217	97 97 217	97 97 217	97 97 217	97 97 217
97 97 217	255 153 0	255 153 0	255 153 0	97 97 217
97 97 217	97 97 217	255 153 0	97 97 217	97 97 217
97 97 217	97 97 217	255 153 0	97 97 217	97 97 217
97 97 217	97 97 217	255 153 0	97 97 217	97 97 217
97 97 217	255 153 0	255 153 0	255 153 0	97 97 217
97 97 217	97 97 217	97 97 217	97 97 217	97 97 217

or

0	0	0	0	0
0	1	1	1	0
0	0	1	0	0
0	0	1	0	0
0	0	1	0	0
0	1	1	1	0
0	0	0	0	0

where:

