

Bitmap Data Example using a 2x2 Pixel, 24-Bit Bitmap				
Offset	Size	Hex Value	Value	Description
0	2	42 4D	"BM"	Magic Number (unsigned integer 66, 77)
2	4	46 00 00 00	70 Bytes	Size of Bitmap
6	2	00 00	Unused	Application Specific
8	2	00 00	Unused	Application Specific
10	4	36 00 00 00	54 bytes	The offset where the bitmap data (pixels) can be found.
14	4	28 00 00 00	40 bytes	The number of bytes in the header (from this point).
18	4	02 00 00 00	2 pixels	The width of the bitmap in pixels
22	4	02 00 00 00	2 pixels	The height of the bitmap in pixels
26	2	01 00	1 plane	Number of color planes being used.
28	2	18 00	24 bits	The number of bits/pixel.
30	4	00 00 00 00	0	BI_RGB, No compression used
34	4	10 00 00 00	16 bytes	The size of the raw BMP data (after this header)
38	4	13 0B 00 00	2,835 pixels/meter	The horizontal resolution of the image
42	4	13 0B 00 00	2,835 pixels/meter	The vertical resolution of the image
46	4	00 00 00 00	0 colors	Number of colors in the pallet
50	4	00 00 00 00	0 important colors	Means all colors are important
Start of Bitmap Data				
54	3	00 00 FF	16,711,680	Red, Pixel (0,1)
57	3	FF FF FF	16,777,215	White, Pixel (1,1)
60	2	00 00	0	Padding for 8 bytes/row (Could be a value other than zero)
62	3	FF 00 00	255	Blue, Pixel (0,0)
65	3	00 FF 00	65,280	Green, Pixel (1,0)
68	2	00 00	0	Padding for 8 bytes/row (Could be a value other than zero)