TrueColor BMP format

Signature ("BM") 2 bytes big endian				
DIB header size (40) DIB header size (40) Image width in pixel Planes (1) Bits/pixel (24) Compression (0) Horizontal pixel/meter (5900) Colors in palette (0) Used palette colors (0) Bottom row first pixel Blue Bottom row first pixel Red Bottom row last pixel Red Bottom row last pixel Red Bottom row first pixel Red Top row first pixel Red Top row first pixel Red Top row last pixel Blue Top row last pixel Blue Top row last pixel Red Top row last pixel Red Top row last pixel Red Top row last pixel Blue Top row last pixel Red Top row last pixel Blue Top row last pixel Red Top row last pixel Red Top row last pixel Red Top row last pixel Blue Top row last pixel Red Top row last pixel Blue	Bitmap header	Signature ("BM")	2 bytes	big endian
DIB header size (40) DIB header size (40) Image width in pixel Planes (1) Bits/pixel (24) Compression (0) Horizontal pixel/meter (5900) Colors in palette (0) Used palette colors (0) Bottom row first pixel Blue Bottom row first pixel Red Bottom row last pixel Red Bottom row last pixel Red Bottom row first pixel Red Top row first pixel Red Top row first pixel Red Top row last pixel Blue Top row last pixel Blue Top row last pixel Red Top row last pixel Red Top row last pixel Red Top row last pixel Blue Top row last pixel Red Top row last pixel Blue Top row last pixel Red Top row last pixel Red Top row last pixel Red Top row last pixel Blue Top row last pixel Red Top row last pixel Blue		File size in bytes	4 bytes	little endian
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Image width in pixel		Pixel Array offset (54)	4 bytes	little endian
Image height in pixel	DIB header	DIB header size (40)	4 bytes	little endian
Planes (1) 2 bytes little endian Bits/pixel (24) 2 bytes little endian Compression (0) 4 bytes little endian Image size (0) 4 bytes little endian Horizontal pixel/meter (5900) 4 bytes little endian Vertical pixel/meter (5900) 4 bytes little endian Colors in palette (0) 4 bytes little endian Used palette colors (0) 4 bytes little endian Bottom row first pixel Blue 1 byte Bottom row first pixel Green 1 byte Bottom row last pixel Blue 1 byte Bottom row last pixel Red 1 byte Bottom row last pixel Red 1 byte Padding 0-3 bytes Top row first pixel Red 1 byte Top row sirst pixel Red 1 byte Top row last pixel Blue 1 byte Top row last pixel Red 1 byte Top row last pixel Red 1 byte Top row last pixel Blue 1 byte Top row last pixel Blue 1 byte Top row last pixel Blue 1 byte Top row last pixel Red 1 byte Top row last pixel Red 1 byte		Image width in pixel	4 bytes	little endian
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Top row last pixel Green 1 byte Top row last pixel Red 1 byte				
Top row last pixel Red 1 byte		Top row last pixel Blue	1 byte	
		Top row last pixel Green	1 byte	
Padding 0-3 bytes		Top row last pixel Red	1 byte	
		Padding	0-3 bytes	

"Black and White" BMP format

er	Signature ("BM")	2 bytes	big endian
Bitmap header	File size in bytes	4 bytes	little endian
	Unused (0)	4 bytes	little endian
	Pixel Array offset (62)	4 bytes	little endian
DIB header	DIB header size (40)	4 bytes	little endian
	Image width in pixel	4 bytes	little endian
	Image height in pixel	4 bytes	little endian
	Planes (1)	2 bytes	little endian
	Bits/pixel (1)	2 bytes	little endian
	Compression (0)	4 bytes	little endian
DIE	Image size (0)	4 bytes	little endian
	Horizontal pixel/meter (3937)	4 bytes	little endian
	Vertical pixel/meter (3937)	4 bytes	little endian
	Colors in palette (0)	4 bytes	little endian
	Used palette colors (0)	4 bytes	little endian
Palette	Color 0: Blue	1 byte	
	Color 0: Green	1 byte	
	Color 0: Red	1 byte	
	Color 0: Alpha (255)	1 byte	
	Color 1: Blue	1 byte	
	Color 1: Green	1 byte	
	Color 1: Red	1 byte	
	Color 1: Alpha (255)	1 byte	
Pixel Array	Bottom row pixels (palette indexes)	width in bits	
	Padding	0-31 bits	
	Bottom row pixels (palette indexes)	width in bits	
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