

Web Safe Colours

If you haven't noticed, images and web pages can look very different when viewed on different computers through different monitors. This is because there may be colours needed, which you do not have available, because your colour depth (the amount of colours your monitor can display at a time) is too low.

If you are at 256 colours (sometimes called 8-bit colour), then you will know what I'm talking about. Since it doesn't have the millions of colours available like in higher depths, your browser will try to simulate the colour by mixing two or more colours from its usable palette together to give the impression of the desired colour.

All systems have what's called a system palette — the basic set of colours that the system can use at the 256-colour level. Sadly, Windows and Mac systems don't use the same 256 colours, but there is a cross-over of 216 colours which are in both system palettes. Which are could web safe colours, which means they will look the exact same on any computer.

The chart below show these colours and there hexadecimal codes.

#000000	#003300	#006600	#009900	#00CC00	#00FF00
#000033	#003333	#006633	#009933	#00CC33	#00FF33
#000066	#003366	#006666	#009966	#00CC66	#00FF66
#000099	#003399	#006699	#009999	#00CC99	#00FF99
#0000CC	#0033CC	#0066CC	#0099CC	#00CCCC	#00FFCC
#0000FF	#0033FF	#0066FF	#0099FF	#00CCFF	#00FFFF
#330000	#333300	#336600	#339900	#33CC00	#33FF00
#330033	#333333	#336633	#339933	#33CC33	#33FF33
#330066	#333366	#336666	#339966	#33CC66	#33FF66
#330099	#333399	#336699	#339999	#33CC99	#33FF99
#3300CC	#3333CC	#3366CC	#3399CC	#33CCCC	#33FFCC
#3300FF	#3333FF	#3366FF	#3399FF	#33CCFF	#33FFFF
#660000	#663300	#666600	#669900	#66CC00	#66FF00
#660033	#663333	#666633	#669933	#66CC33	#66FF33
#660066	#663366	#666666	#669966	#66CC66	#66FF66
#660099	#663399	#666699	#669999	#66CC99	#66FF99
#6600CC	#6633CC	#6666CC	#6699CC	#66CCCC	#66FFCC
#6600FF	#6633FF	#6666FF	#6699FF	#66CCFF	#66FFFF
#990000	#993300	#996600	#999900	#99CC00	#99FF00
#990033	#993333	#996633	#999933	#99CC33	#99FF33
#990066	#993366	#996666	#999966	#99CC66	#99FF66

#990099	#993399	#996699	#999999	#99CC99	#99FF99
#9900CC	#9933CC	#9966CC	#9999CC	#99CCCC	#99FFCC
#9900FF	#9933FF	#9966FF	#9999FF	#99CCFF	#99FFFF
#CC0000	#CC3300	#CC6600	#CC9900	#CCCC00	#CCFF00
#CC0033	#CC3333	#CC6633	#CC9933	#CCCC33	#CCFF33
#CC0066	#CC3366	#CC6666	#CC9966	#CCCC66	#CCFF66
#CC0099	#CC3399	#CC6699	#CC9999	#CCCC99	#CCFF99
#CC00CC	#CC33CC	#CC66CC	#CC99CC	#CCCCCC	#CCFFCC
#CC00FF	#CC33FF	#CC66FF	#CC99FF	#CCCCFF	#CCFFFF
#FF0000	#FF3300	#FF6600	#FF9900	#FFCC00	#FFFF00
#FF0033	#FF3333	#FF6633	#FF9933	#FFCC33	#FFFF33
#FF0066	#FF3366	#FF6666	#FF9966	#FFCC66	#FFFF66
#FF0099	#FF3399	#FF6699	#FF9999	#FFCC99	#FFFF99
#FF00CC	#FF33CC	#FF66CC	#FF99CC	#FFCCCC	#FFFFCC
#FF00FF	#FF33FF	#FF66FF	#FF99FF	#FFCCFF	#FFFFFF