RGB to Color Name Mapping (Triplet and Hex)

By Kevin J. Walsh; please click here for copyright and copying policy.

The color table has been roughly divided up into shades. Select one of these: Black; Blue; Brown; Gray; Green; Orange; Red; Violet; White; Yellow; to jump to that division.

Other sections show the HTML behind the BG/FG color samples on this page, info about printing this page in color, the problem with metallic colors, credits, and some other sources of information.

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Shades of Black and Gray (see also Gray vs Grey)					
Color Name	Credits	R;G;B Dec	RGB Hex	CSS Hex	BG/FG color sample
Grey	N	84;84;84	545454		
Grey, Silver	V	192;192;192	C0C0C0		
grey	X	190;190;190	BEBEBE		
LightGray	X	211;211;211	D3D3D3		
LightSlateGrey	X	119;136;153	778899	789	
SlateGray	X	112;128;144	708090		
SlateGray1	X	198;226;255	C6E2FF		
SlateGray2	X	185;211;238	B9D3EE		
SlateGray3	X	159;182;205	9FB6CD		
SlateGray4	X	108;123;139	6C7B8B		
black	N,V,X	0;0;0	000000	000	
grey0	X	0;0;0	000000	000	
grey1	X	3;3;3	030303		
grey2	X	5;5;5	050505		
grey3	X	8;8;8	080808		
grey4	X	10;10;10	0A0A0A		
grey5	X	13;13;13	0D0D0D		

grey6	X	15;15;15	0F0F0F		
grey7	X	18;18;18	121212		
grey8	X	20;20;20	141414		
grey9	X	23;23;23	171717		
grey10	X	26;26;26	1A1A1A		
grey11	X	28;28;28	1C1C1C		
grey12	X	31;31;31	1F1F1F		
grey13	X	33;33;33	212121		
		34;34;34	222222	222	
grey14	X	36;36;36	242424		
grey15	X	38;38;38	262626		
grey16	X	41;41;41	292929		
grey17	X	43;43;43	2B2B2B		
grey18	X	46;46;46	2E2E2E		
grey19	X	48;48;48	303030		
grey20	X	51;51;51	333333	333	
grey21	X	54;54;54	363636		
grey22	X	56;56;56	383838		
grey23	X	59;59;59	3B3B3B		
grey24	X	61;61;61	3D3D3D		
grey25	X	64;64;64	404040		
grey26	X	66;66;66	424242		
grey27	X	69;69;69	454545		
grey28	X	71;71;71	474747		
grey29	X	74;74;74	4A4A4A		
grey30	X	77;77;77	4D4D4D		
grey31	X	79;79;79	4F4F4F		
grey32	X	82;82;82	525252		
grey33	X	84;84;84	545454		
		85;85;85	555555	555	

grey34	X	87;87;87	575757		
grey35	X	89;89;89	595959		
grey36	X	92;92;92	5C5C5C		
grey37	X	94;94;94	5E5E5E		
grey38	X	97;97;97	616161		
grey39	X	99;99;99	636363		
grey40	X	102;102;102	666666	666	
grey41, DimGrey	X	105;105;105	696969		
grey42	X	107;107;107	6B6B6B		
grey43	X	110;110;110	6E6E6E		
grey44	X	112;112;112	707070		
grey45	X	115;115;115	737373		
grey46	X	117;117;117	757575		
		119;119;119	777777	777	
grey47	X	120;120;120	787878		
grey48	X	122;122;122	7A7A7A		
grey49	X	125;125;125	7D7D7D		
grey50	X	127;127;127	7F7F7F		
grey51	X	130;130;130	828282		
grey52	X	133;133;133	858585		
grey53	X	135;135;135	878787		
		136;136;136	888888	888	
grey54	X	138;138;138	8A8A8A		
grey55	X	140;140;140	8C8C8C		
grey56	X	143;143;143	8F8F8F		
grey57	X	145;145;145	919191		
grey58	X	148;148;148	949494		
grey59	X	150;150;150	969696		
grey60	X	153;153;153	999999	999	
grey61	X	156;156;156	9C9C9C		
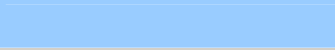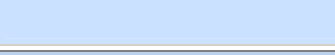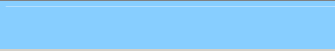
grey62	X	158;158;158	9E9E9E		
grey63	X	161;161;161	A1A1A1		
grey64	X	163;163;163	A3A3A3		
grey65	X	166;166;166	A6A6A6		
grey66	X	168;168;168	A8A8A8		
grey67	X	171;171;171	ABABAB		
grey68	X	173;173;173	ADADAD		
grey69	X	176;176;176	B0B0B0		
grey70	X	179;179;179	B3B3B3		
grey71	X	181;181;181	B5B5B5		
grey72	X	184;184;184	B8B8B8		
		187;187;187	BBBBBB	bbb	
grey73	X	186;186;186	BABABA		
grey74	X	189;189;189	BDBDBD		
grey75	X	191;191;191	BFBFBF		
grey76	X	194;194;194	C2C2C2		
grey77	X	196;196;196	C4C4C4		
grey78	X	199;199;199	C7C7C7		
grey79	X	201;201;201	C9C9C9		
grey80	X	204;204;204	CCCCCC	ccc	
grey81	X	207;207;207	CFCFCF		
grey82	X	209;209;209	D1D1D1		
grey83	X	212;212;212	D4D4D4		
grey84	X	214;214;214	D6D6D6		
grey85	X	217;217;217	D9D9D9		
grey86	X	219;219;219	DBDBDB		
grey87	X	222;222;222	DEDEDE		
		221;221;221	DDDDDD	ddd	
grey88	X	224;224;224	E0E0E0		
grey89	X	227;227;227	E3E3E3		

grey90	X	229;229;229	E5E5E5		
grey91	X	232;232;232	E8E8E8		
grey92	X	235;235;235	EBEBEB		
grey93	X	237;237;237	EDEDED		
		238;238;238	EEEEEE	eee	
grey94	X	240;240;240	F0F0F0		
grey95	X	242;242;242	F2F2F2		
grey96	X	245;245;245	F5F5F5		
grey97	X	247;247;247	F7F7F7		
grey98	X	250;250;250	FAFAFA		
grey99	X	252;252;252	FCFCFC		
grey100, White	X	255;255;255	FFFFFF	fff	
Dark Slate Grey	N	47;79;79	2F4F4F		
Dim Grey	N	84;84;84	545454		
Very Light Grey	N	205;205;205	CDCDCD		
Free Speech Grey	F	99;86;136	635688		
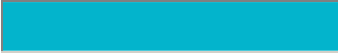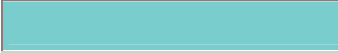
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Shades of Blue					
Color Name	**Credits**	**R;G;B Dec**	**RGB Hex**	**CSS Hex**	**BG/FG color sample**
AliceBlue	X	240;248;255	F0F8FF		
BlueViolet	X	138;43;226	8A2BE2		
Cadet Blue	N	95;159;159	5F9F9F		
CadetBlue	X	95;158;160	5F9EA0		
CadetBlue	X	95;158;160	5F9EA0		
CadetBlue1	X	152;245;255	98F5FF		
CadetBlue2	X	142;229;238	8EE5EE		
CadetBlue3	X	122;197;205	7AC5CD		
CadetBlue4	X	83;134;139	53868B		

Corn Flower Blue	N	66;66;111	42426F		
CornflowerBlue	X	100;149;237	6495ED		
DarkSlateBlue	X	72;61;139	483D8B		
DarkTurquoise	X	0;206;209	00CED1		
DeepSkyBlue	X	0;191;255	00BFFF		
DeepSkyBlue1	X	0;191;255	00BFFF		
DeepSkyBlue2	X	0;178;238	00B2EE		
DeepSkyBlue3	X	0;154;205	009ACD		
DeepSkyBlue4	X	0;104;139	00688B		
DodgerBlue	X	30;144;255	1E90FF		
DodgerBlue1	X	30;144;255	1E90FF		
DodgerBlue2	X	28;134;238	1C86EE		
DodgerBlue3	X	24;116;205	1874CD		
DodgerBlue4	X	16;78;139	104E8B		
		170;187;204	AABBCC	abc	
LightBlue	X	173;216;230	ADD8E6		
LightBlue1	X	191;239;255	BFEFFF		
LightBlue2	X	178;223;238	B2DFEE		
LightBlue3	X	154;192;205	9AC0CD		
LightBlue4	X	104;131;139	68838B		
LightCyan	X	224;255;255	E0FFFF		
LightCyan1	X	224;255;255	E0FFFF		
LightCyan2	X	209;238;238	D1EEEE		
LightCyan3	X	180;205;205	B4CDCD		
LightCyan4	X	122;139;139	7A8B8B		
LightSkyBlue	X	135;206;250	87CEFA		
LightSkyBlue1	X	176;226;255	B0E2FF		
LightSkyBlue2	X	164;211;238	A4D3EE		
LightSkyBlue3	X	141;182;205	8DB6CD		
LightSkyBlue4	X	96;123;139	607B8B		

LightSlateBlue	X	132;112;255	8470FF		
		153;204;255	99CCFF	9cf	
LightSteelBlue	X	176;196;222	B0C4DE		
LightSteelBlue1	X	202;225;255	CAE1FF		
LightSteelBlue2	X	188;210;238	BCD2EE		
LightSteelBlue3	X	162;181;205	A2B5CD		
LightSteelBlue4	X	110;123;139	6E7B8B		
Aquamarine	N	112;219;147	70DB93		
MediumBlue	X	0;0;205	0000CD		
MediumSlateBlue	X	123;104;238	7B68EE		
MediumTurquoise	X	72;209;204	48D1CC		
MidnightBlue	X	25;25;112	191970		
NavyBlue	X	0;0;128	000080		
PaleTurquoise	X	175;238;238	AFEEEE		
PaleTurquoise1	X	187;255;255	BBFFFF	bff	
PaleTurquoise2	X	174;238;238	AEEEEE		
PaleTurquoise3	X	150;205;205	96CDCD		
PaleTurquoise4	X	102;139;139	668B8B		
PowderBlue	X	176;224;230	B0E0E6		
RoyalBlue	X	65;105;225	4169E1		
RoyalBlue1	X	72;118;255	4876FF		
RoyalBlue2	X	67;110;238	436EEE		
RoyalBlue3	X	58;95;205	3A5FCD		
RoyalBlue4	X	39;64;139	27408B		
RoyalBlue5	X	0;34;102	002266	026	
SkyBlue	X	135;206;235	87CEEB		
SkyBlue1	X	135;206;255	87CEFF		
SkyBlue2	X	126;192;238	7EC0EE		
SkyBlue3	X	108;166;205	6CA6CD		
SkyBlue4	X	74;112;139	4A708B		
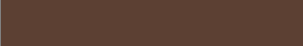
SlateBlue	X	106;90;205	6A5ACD		
SlateBlue1	X	131;111;255	836FFF		
SlateBlue2	X	122;103;238	7A67EE		
SlateBlue3	X	105;89;205	6959CD		
SlateBlue4	X	71;60;139	473C8B		
SteelBlue	X	70;130;180	4682B4		
SteelBlue1	X	99;184;255	63B8FF		
SteelBlue2	X	92;172;238	5CACEE		
SteelBlue3	X	79;148;205	4F94CD		
SteelBlue4	X	54;100;139	36648B		
		51;102;153	336699	369	
		51;153;204	3399CC	39c	
		102;153;204	6699CC	69c	
aquamarine	X	127;255;212	7FFFD4		
aquamarine1	X	127;255;212	7FFFD4		
aquamarine2	X	118;238;198	76EEC6		
aquamarine3, MediumAquamarine	X	102;205;170	66CDAA		
aquamarine4	X	69;139;116	458B74		
azure	X	240;255;255	F0FFFF		
azure1	X	240;255;255	F0FFFF		
azure2	X	224;238;238	E0EEEE		
azure3	X	193;205;205	C1CDCD		
azure4	X	131;139;139	838B8B		
blue	N,V,X	0;0;255	0000FF	00f	
blue1	X	0;0;255	0000FF	00f	
blue2	X	0;0;238	0000EE	00e	
blue3	X	0;0;205	0000CD		
blue4	X	0;0;139	00008B		
aqua	V	0;255;255	00FFFF	0ff	

True Iris Blue		3;180;204	03B4CC		
cyan	N,X	0;255;255	00FFFF	0ff	
cyan1	X	0;255;255	00FFFF	0ff	
cyan2	X	0;238;238	00EEEE	0ee	
cyan3	X	0;205;205	00CDCD		
cyan4	X	0;139;139	008B8B		
navy	V,X	0;0;128	000080		
teal	V	0;128;128	008080		
turquoise	X	64;224;208	40E0D0		
turquoise1	X	0;245;255	00F5FF		
turquoise2	X	0;229;238	00E5EE		
turquoise3	X	0;197;205	00C5CD		
turquoise4	X	0;134;139	00868B		
DarkSlateGray	X	47;79;79	2F4F4F		
DarkSlateGray1	X	151;255;255	97FFFF		
DarkSlateGray2	X	141;238;238	8DEEEE		
DarkSlateGray3	X	121;205;205	79CDCD		
DarkSlateGray4	X	82;139;139	528B8B		
Dark Slate Blue	N	36;24;130	241882		
Dark Turquoise	N	112;147;219	7093DB		
Medium Slate Blue	N	127;0;255	7F00FF		
Medium Turquoise	N	112;219;219	70DBDB		
Midnight Blue	N	47;47;79	2F2F4F		
Navy Blue	N	35;35;142	23238E		
Neon Blue	N	77;77;255	4D4DFF		
New Midnight Blue	N	0;0;156	00009C		
Rich Blue	N	89;89;171	5959AB		
Sky Blue	N	50;153;204	3299CC		
Slate Blue	N	0;127;255	007FFF		

Summer Sky	N	56;176;222	38B0DE		
Iris Blue		3;180;200	03B4C8		
Free Speech Blue	F	65;86;197	4156C5		
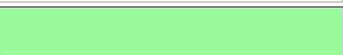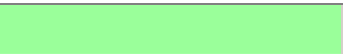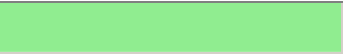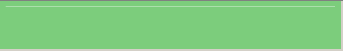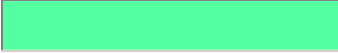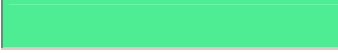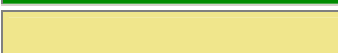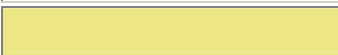
Shades of Brown					
Color Name	**Credits**	**R;G;B Dec**	**RGB Hex**	**CSS Hex**	**BG/FG color sample**
RosyBrown	X	188;143;143	BC8F8F		
RosyBrown1	X	255;193;193	FFC1C1		
RosyBrown2	X	238;180;180	EEB4B4		
RosyBrown3	X	205;155;155	CD9B9B		
RosyBrown4	X	139;105;105	8B6969		
SaddleBrown	X	139;69;19	8B4513		
SandyBrown	X	244;164;96	F4A460		
beige	X	245;245;220	F5F5DC		
brown	X	165;42;42	A52A2A		
brown	N	166;42;42	A62A2A		
brown1	X	255;64;64	FF4040		
brown2	X	238;59;59	EE3B3B		
brown3	X	205;51;51	CD3333		
brown4	X	139;35;35	8B2323		
dark brown	N	92;64;51	5C4033		
burlywood	X	222;184;135	DEB887		
burlywood1	X	255;211;155	FFD39B		
burlywood2	X	238;197;145	EEC591		
burlywood3	X	205;170;125	CDAA7D		
burlywood4	X	139;115;85	8B7355		
baker's chocolate	N	92;51;23	5C3317		
chocolate	X	210;105;30	D2691E		

chocolate1	X	255;127;36	FF7F24		
chocolate2	X	238;118;33	EE7621		
chocolate3	X	205;102;29	CD661D		
chocolate4	X	139;69;19	8B4513		
peru	X	205;133;63	CD853F		
tan	X	210;180;140	D2B48C		
tan1	X	255;165;79	FFA54F		
tan2	X	238;154;73	EE9A49		
tan3	X	205;133;63	CD853F		
tan4	X	139;90;43	8B5A2B		
Dark Tan	N	151;105;79	97694F		
Dark Wood	N	133;94;66	855E42		
Light Wood	N	133;99;99	856363		
Medium Wood	N	166;128;100	A68064		
New Tan	N	235;199;158	EBC79E		
Semi-Sweet Chocolate	N	107;66;38	6B4226		
Sienna	N	142;107;35	8E6B23		
Tan	N	219;147;112	DB9370		
Very Dark Brown	N	92;64;51	5C4033		

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Shades of Green					
Color Name	**Credits**	**R;G;B Dec**	**RGB Hex**	**CSS Hex**	**BG/FG color sample**
Dark Green	N	47;79;47	2F4F2F		
DarkGreen	X	0;100;0	006400		
dark green copper	N	74;118;110	4A766E		
DarkKhaki	X	189;183;107	BDB76B		
DarkOliveGreen	X	85;107;47	556B2F		
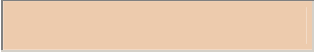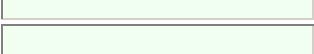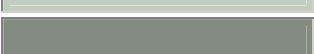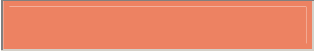
DarkOliveGreen1	X	202;255;112	CAFF70		
DarkOliveGreen2	X	188;238;104	BCEE68		
DarkOliveGreen3	X	162;205;90	A2CD5A		
DarkOliveGreen4	X	110;139;61	6E8B3D		
olive	V	128;128;0	808000		
DarkSeaGreen	X	143;188;143	8FBC8F		
DarkSeaGreen1	X	193;255;193	C1FFC1		
DarkSeaGreen2	X	180;238;180	B4EEB4		
DarkSeaGreen3	X	155;205;155	9BCD9B		
DarkSeaGreen4	X	105;139;105	698B69		
ForestGreen	X	34;139;34	228B22		
GreenYellow	X	173;255;47	ADFF2F		
LawnGreen	X	124;252;0	7CFC00		
LightSeaGreen	X	32;178;170	20B2AA		
LimeGreen	X	50;205;50	32CD32		
MediumSeaGreen	X	60;179;113	3CB371		
MediumSpringGreen	X	0;250;154	00FA9A		
MintCream	X	245;255;250	F5FFFA		
OliveDrab	X	107;142;35	6B8E23		
OliveDrab1	X	192;255;62	C0FF3E		
OliveDrab2	X	179;238;58	B3EE3A		
OliveDrab3	X	154;205;50	9ACD32		
OliveDrab4	X	105;139;34	698B22		
PaleGreen	X	152;251;152	98FB98		
PaleGreen1	X	154;255;154	9AFF9A		
PaleGreen2	X	144;238;144	90EE90		
PaleGreen3	X	124;205;124	7CCD7C		
PaleGreen4	X	84;139;84	548B54		
SeaGreen, SeaGreen4	X	46;139;87	2E8B57		
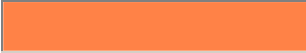
SeaGreen1	X	84;255;159	54FF9F		
SeaGreen2	X	78;238;148	4EEE94		
SeaGreen3	X	67;205;128	43CD80		
SpringGreen	X	0;255;127	00FF7F		
SpringGreen1	X	0;255;127	00FF7F		
SpringGreen2	X	0;238;118	00EE76		
SpringGreen3	X	0;205;102	00CD66		
SpringGreen4	X	0;139;69	008B45		
YellowGreen	X	154;205;50	9ACD32		
chartreuse	X	127;255;0	7FFF00		
chartreuse1	X	127;255;0	7FFF00		
chartreuse2	X	118;238;0	76EE00		
chartreuse3	X	102;205;0	66CD00		
chartreuse4	X	69;139;0	458B00		
green	N,X	0;255;0	00FF00	0f0	
green	V	0;128;0	008000		
lime	V	0;255;0	00FF00	0f0	
green1	X	0;255;0	00FF00	0f0	
green2	X	0;238;0	00EE00	0e0	
green3	X	0;205;0	00CD00		
green4	X	0;139;0	008B00		
khaki	X	240;230;140	F0E68C		
khaki1	X	255;246;143	FFF68F		
khaki2	X	238;230;133	EEE685		
khaki3	X	205;198;115	CDC673		
khaki4	X	139;134;78	8B864E		
Dark Olive Green	N	79;79;47	4F4F2F		
Green Yellow [sic]	N	209;146;117	D19275		
Hunter Green [sic]	N	142;35;35	8E2323		
Forest Green, Khaki,	N	35;142;35	238E23		

Color Name	Credits	R;G;B Dec	RGB Hex	CSS Hex	BG/FG color sample
Medium Aquamarine					
Medium Forest Green	N	219;219;112	DBDB70		
Medium Sea Green	N	66;111;66	426F42		
Medium Spring Green	N	127;255;0	7FFF00		
Pale Green	N	143;188;143	8FBC8F		
Sea Green	N	35;142;104	238E68		
Spring Green	N	0;255;127	00FF7F		
Free Speech Green	F	9;249;17	09F911		
Free Speech Aquamarine	F	2;157;116	029D74		
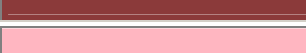
[Click for top]
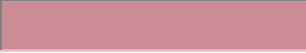
Shades of Orange					
Color Name	**Credits**	**R;G;B Dec**	**RGB Hex**	**CSS Hex**	**BG/FG color sample**
DarkOrange	X	255;140;0	FF8C00		
DarkOrange1	X	255;127;0	FF7F00		
DarkOrange2	X	238;118;0	EE7600		
DarkOrange3	X	205;102;0	CD6600		
DarkOrange4	X	139;69;0	8B4500		
DarkSalmon	X	233;150;122	E9967A		
LightCoral	X	240;128;128	F08080		
LightSalmon	X	255;160;122	FFA07A		
LightSalmon1	X	255;160;122	FFA07A		
LightSalmon2	X	238;149;114	EE9572		
LightSalmon3	X	205;129;98	CD8162		
LightSalmon4	X	139;87;66	8B5742		
PeachPuff	X	255;218;185	FFDAB9		
PeachPuff1	X	255;218;185	FFDAB9		
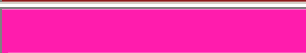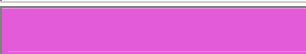
PeachPuff2	X	238;203;173	EECBAD		
PeachPuff3	X	205;175;149	CDAF95		
PeachPuff4	X	139;119;101	8B7765		
bisque	X	255;228;196	FFE4C4		
bisque1	X	255;228;196	FFE4C4		
bisque2	X	238;213;183	EED5B7		
bisque3	X	205;183;158	CDB79E		
bisque4	X	139;125;107	8B7D6B		
coral	N	255;127;0	FF7F00		
coral	X	255;127;80	FF7F50		
coral1	X	255;114;86	FF7256		
coral2	X	238;106;80	EE6A50		
coral3	X	205;91;69	CD5B45		
coral4	X	139;62;47	8B3E2F		
honeydew	X	240;255;240	F0FFF0		
honeydew1	X	240;255;240	F0FFF0		
honeydew2	X	224;238;224	E0EEE0		
honeydew3	X	193;205;193	C1CDC1		
honeydew4	X	131;139;131	838B83		
orange	X	255;165;0	FFA500		
orange1	X	255;165;0	FFA500		
orange2	X	238;154;0	EE9A00		
orange3	X	205;133;0	CD8500		
orange4	X	139;90;0	8B5A00		
salmon	X	250;128;114	FA8072		
salmon1	X	255;140;105	FF8C69		
salmon2	X	238;130;98	EE8262		
salmon3	X	205;112;84	CD7054		
salmon4	X	139;76;57	8B4C39		
sienna	X	160;82;45	A0522D		

sienna1	X	255;130;71	FF8247		
sienna2	X	238;121;66	EE7942		
sienna3	X	205;104;57	CD6839		
sienna4	X	139;71;38	8B4726		
Mandarian Orange	N	142;35;35	8E2323		
Orange	N	255;127;0	FF7F00		
Orange Red	N	255;36;0	FF2400		

[Click for top]
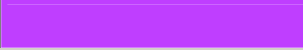
Shades of Red					
Color Name	**Credits**	**R;G;B Dec**	**RGB Hex**	**CSS Hex**	**BG/FG color sample**
DeepPink	X	255;20;147	FF1493		
DeepPink1	X	255;20;147	FF1493		
DeepPink2	X	238;18;137	EE1289		
DeepPink3	X	205;16;118	CD1076		
DeepPink4	X	139;10;80	8B0A50		
HotPink	X	255;105;180	FF69B4		
HotPink1	X	255;110;180	FF6EB4		
HotPink2	X	238;106;167	EE6AA7		
HotPink3	X	205;96;144	CD6090		
HotPink4	X	139;58;98	8B3A62		
IndianRed	X	205;92;92	CD5C5C		
IndianRed1	X	255;106;106	FF6A6A		
IndianRed2	X	238;99;99	EE6363		
IndianRed3	X	205;85;85	CD5555		
IndianRed4	X	139;58;58	8B3A3A		
LightPink	X	255;182;193	FFB6C1		
LightPink1	X	255;174;185	FFAEB9		
LightPink2	X	238;162;173	EEA2AD		

LightPink3	X	205;140;149	CD8C95		
LightPink4	X	139;95;101	8B5F65		
MediumVioletRed	X	199;21;133	C71585		
MistyRose	X	255;228;225	FFE4E1		
MistyRose1	X	255;228;225	FFE4E1		
MistyRose2	X	238;213;210	EED5D2		
MistyRose3	X	205;183;181	CDB7B5		
MistyRose4	X	139;125;123	8B7D7B		
OrangeRed	X	255;69;0	FF4500		
OrangeRed1	X	255;69;0	FF4500		
OrangeRed2	X	238;64;0	EE4000		
OrangeRed3	X	205;55;0	CD3700		
OrangeRed4	X	139;37;0	8B2500		
PaleVioletRed	X	219;112;147	DB7093		
PaleVioletRed1	X	255;130;171	FF82AB		
PaleVioletRed2	X	238;121;159	EE799F		
PaleVioletRed3	X	205;104;137	CD6889		
PaleVioletRed4	X	139;71;93	8B475D		
VioletRed	X	208;32;144	D02090		
VioletRed1	X	255;62;150	FF3E96		
VioletRed2	X	238;58;140	EE3A8C		
VioletRed3	X	205;50;120	CD3278		
VioletRed4	X	139;34;82	8B2252		
firebrick	X	178;34;34	B22222		
firebrick1	X	255;48;48	FF3030		
firebrick2	X	238;44;44	EE2C2C		
firebrick3	X	205;38;38	CD2626		
firebrick4	X	139;26;26	8B1A1A		
pink	X	255;192;203	FFC0CB		
pink1	X	255;181;197	FFB5C5		

Color Name	Credits	R;G;B Dec	RGB Hex	CSS Hex	BG/FG color sample
pink2	X	238;169;184	EEA9B8		
pink3	X	205;145;158	CD919E		
pink4	X	139;99;108	8B636C		
Flesh	N	245;204;176	F5CCB0		
Feldspar	N	209;146;117	D19275		
		204;51;51	CC3333	c33	
red	N,V,X	255;0;0	FF0000	f00	
red1	X	255;0;0	FF0000	f00	
red2	X	238;0;0	EE0000	e00	
red3	X	205;0;0	CD0000		
red4	X	139;0;0	8B0000		
tomato	X	255;99;71	FF6347		
tomato1	X	255;99;71	FF6347		
tomato2	X	238;92;66	EE5C42		
tomato3	X	205;79;57	CD4F39		
tomato4	X	139;54;38	8B3626		
Dusty Rose	N	133;99;99	856363		
Firebrick	N	142;35;35	8E2323		
Indian Red	N	245;204;176	F5CCB0		
Pink	N	188;143;143	BC8F8F		
Salmon	N	111;66;66	6F4242		
Scarlet	N	140;23;23	8C1717		
Spicy Pink	N	255;28;174	FF1CAE		
Free Speech Magenta	F	227;91;216	E35BD8		
Free Speech Red	F	192;0;0	C00000		

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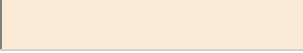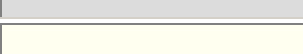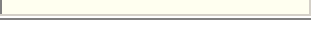
Shades of Violet					
Color Name	Credits	R;G;B Dec	RGB Hex	CSS Hex	BG/FG color sample

DarkOrchid	X	153;50;204	9932CC		
DarkOrchid1	X	191;62;255	BF3EFF		
DarkOrchid2	X	178;58;238	B23AEE		
DarkOrchid3	X	154;50;205	9A32CD		
DarkOrchid4	X	104;34;139	68228B		
DarkViolet	X	148;0;211	9400D3		
LavenderBlush	X	255;240;245	FFF0F5		
LavenderBlush1	X	255;240;245	FFF0F5		
LavenderBlush2	X	238;224;229	EEE0E5		
LavenderBlush3	X	205;193;197	CDC1C5		
LavenderBlush4	X	139;131;134	8B8386		
MediumOrchid	X	186;85;211	BA55D3		
MediumOrchid1	X	224;102;255	E066FF		
MediumOrchid2	X	209;95;238	D15FEE		
MediumOrchid3	X	180;82;205	B452CD		
MediumOrchid4	X	122;55;139	7A378B		
MediumPurple	X	147;112;219	9370DB		
Medium Orchid	N	147;112;219	9370DB		
MediumPurple1	X	171;130;255	AB82FF		
Dark Orchid	N	153;50;205	9932CD		
MediumPurple2	X	159;121;238	9F79EE		
MediumPurple3	X	137;104;205	8968CD		
MediumPurple4	X	93;71;139	5D478B		
lavender	X	230;230;250	E6E6FA		
magenta	N,X	255;0;255	FF00FF	f0f	
fuchsia	V	255;0;255	FF00FF	f0f	
magenta1	X	255;0;255	FF00FF	f0f	
magenta2	X	238;0;238	EE00EE	e0e	
magenta3	X	205;0;205	CD00CD		
magenta4	X	139;0;139	8B008B		

maroon	X	176;48;96	B03060		
maroon1	X	255;52;179	FF34B3		
maroon2	X	238;48;167	EE30A7		
maroon3	X	205;41;144	CD2990		
maroon4	X	139;28;98	8B1C62		
orchid	X	218;112;214	DA70D6		
Orchid	N	219;112;219	DB70DB		
orchid1	X	255;131;250	FF83FA		
orchid2	X	238;122;233	EE7AE9		
orchid3	X	205;105;201	CD69C9		
orchid4	X	139;71;137	8B4789		
plum	X	221;160;221	DDA0DD		
plum1	X	255;187;255	FFBBFF	fbf	
plum2	X	238;174;238	EEAEEE		
plum3	X	205;150;205	CD96CD		
plum4	X	139;102;139	8B668B		
		153;102;204	9966CC	96c	
purple	X	160;32;240	A020F0		
purple	V	128;0;128	800080		
purple1	X	155;48;255	9B30FF		
purple2	X	145;44;238	912CEE		
purple3	X	125;38;205	7D26CD		
purple4	X	85;26;139	551A8B		
thistle	X	216;191;216	D8BFD8		
thistle1	X	255;225;255	FFE1FF		
thistle2	X	238;210;238	EED2EE		
thistle3	X	205;181;205	CDB5CD		
thistle4	X	139;123;139	8B7B8B		
violet	X	238;130;238	EE82EE		
violet blue	N	159;95;159	9F5F9F		

Dark Purple	N	135;31;120	871F78		
Maroon	V	128;0;0	800000		
Medium Violet Red	N	219;112;147	DB7093		
Neon Pink	N	255;110;199	FF6EC7		
Plum	N	234;173;234	EAADEA		
Thistle	N	216;191;216	D8BFD8		
Turquoise	N	173;234;234	ADEAEA		
Violet	N	79;47;79	4F2F4F		
Violet Red	N	204;50;153	CC3299		

[Click for top]

Shades of White					
Color Name	**Credits**	**R;G;B Dec**	**RGB Hex**	**CSS Hex**	**BG/FG color sample**
AntiqueWhite	X	250;235;215	FAEBD7		
AntiqueWhite1	X	255;239;219	FFEFDB		
AntiqueWhite2	X	238;223;204	EEDFCC		
AntiqueWhite3	X	205;192;176	CDC0B0		
AntiqueWhite4	X	139;131;120	8B8378		
FloralWhite	X	255;250;240	FFFAF0		
GhostWhite	X	248;248;255	F8F8FF		
NavajoWhite	X	255;222;173	FFDEAD		
NavajoWhite1	X	255;222;173	FFDEAD		
NavajoWhite2	X	238;207;161	EECFA1		
NavajoWhite3	X	205;179;139	CDB38B		
NavajoWhite4	X	139;121;94	8B795E		
OldLace	X	253;245;230	FDF5E6		
WhiteSmoke	X	245;245;245	F5F5F5		
gainsboro	X	220;220;220	DCDCDC		
ivory	X	255;255;240	FFFFF0		

Color Name	Credits	R;G;B Dec	RGB Hex	CSS Hex	BG/FG color sample
ivory1	X	255;255;240	FFFFF0		
ivory2	X	238;238;224	EEEEE0		
ivory3	X	205;205;193	CDCDC1		
ivory4	X	139;139;131	8B8B83		
linen	X	250;240;230	FAF0E6		
seashell	X	255;245;238	FFF5EE		
seashell1	X	255;245;238	FFF5EE		
seashell2	X	238;229;222	EEE5DE		
seashell3	X	205;197;191	CDC5BF		
seashell4	X	139;134;130	8B8682		
snow	X	255;250;250	FFFAFA		
snow1	X	255;250;250	FFFAFA		
snow2	X	238;233;233	EEE9E9		
snow3	X	205;201;201	CDC9C9		
snow4	X	139;137;137	8B8989		
wheat	X	245;222;179	F5DEB3		
wheat1	X	255;231;186	FFE7BA		
wheat2	X	238;216;174	EED8AE		
wheat3	X	205;186;150	CDBA96		
wheat4	X	139;126;102	8B7E66		
white	N,V,X	255;255;255	FFFFFF	fff	
Quartz	N	217;217;243	D9D9F3		
Wheat	N	216;216;191	D8D8BF		

[Click for top]

Shades of Yellow					
Color Name	Credits	R;G;B Dec	RGB Hex	CSS Hex	BG/FG color sample
BlanchedAlmond	X	255;235;205	FFEBCD		
DarkGoldenrod	X	184;134;11	B8860B		

DarkGoldenrod1	X	255;185;15	FFB90F		
DarkGoldenrod2	X	238;173;14	EEAD0E		
DarkGoldenrod3	X	205;149;12	CD950C		
DarkGoldenrod4	X	139;101;8	8B6508		
LemonChiffon	X	255;250;205	FFFACD		
LemonChiffon1	X	255;250;205	FFFACD		
LemonChiffon2	X	238;233;191	EEE9BF		
LemonChiffon3	X	205;201;165	CDC9A5		
LemonChiffon4	X	139;137;112	8B8970		
LightGoldenrod	X	238;221;130	EEDD82		
LightGoldenrod1	X	255;236;139	FFEC8B		
LightGoldenrod2	X	238;220;130	EEDC82		
LightGoldenrod3	X	205;190;112	CDBE70		
LightGoldenrod4	X	139;129;76	8B814C		
LightGoldenrodYellow	X	250;250;210	FAFAD2		
LightYellow	X	255;255;224	FFFFE0		
LightYellow1	X	255;255;224	FFFFE0		
LightYellow2	X	238;238;209	EEEED1		
LightYellow3	X	205;205;180	CDCDB4		
LightYellow4	X	139;139;122	8B8B7A		
PaleGoldenrod	X	238;232;170	EEE8AA		
PapayaWhip	X	255;239;213	FFEFD5		
cornsilk	X	255;248;220	FFF8DC		
cornsilk1	X	255;248;220	FFF8DC		
cornsilk2	X	238;232;205	EEE8CD		
cornsilk3	X	205;200;177	CDC8B1		
cornsilk4	X	139;136;120	8B8878		
goldenrod	X	218;165;32	DAA520		
goldenrod1	X	255;193;37	FFC125		
goldenrod2	X	238;180;34	EEB422		

goldenrod3	X	205;155;29	CD9B1D		
goldenrod4	X	139;105;20	8B6914		
moccasin	X	255;228;181	FFE4B5		
yellow	N,V,X	255;255;0	FFFF00	ff0	
yellow1	X	255;255;0	FFFF00	ff0	
yellow2	X	238;238;0	EEEE00	ee0	
yellow3	X	205;205;0	CDCD00		
yellow4	X	139;139;0	8B8B00		
gold	X	255;215;0	FFD700		
gold1	X	255;215;0	FFD700		
gold2	X	238;201;0	EEC900		
gold3	X	205;173;0	CDAD00		
gold4	X	139;117;0	8B7500		
Goldenrod	N	219;219;112	DBDB70		
Medium Goldenrod	N	234;234;174	EAEAAE		
Yellow Green	N	153;204;50	99CC32		

[Click for top]

HTML behind the BG/FG color samples

The "BG/FG color sample" is made by changing both the background and foreground colors. The background is changed with

```
<... BGCOLOR="#xxxxxx" ...>
```
and foreground is changed with

```
<FONT COLOR="#xxxxxx">
```
In these "xxxxxx" is the six hex digit of the color, such as 2F4F2F for Dark Green.

You will see a solid block of color in the samples shown if your browser supports both markups; or just "### SAMPLE ###" in color if just one is supported. (Almost all support both now.)

[Click for top]

Description of Columns

Color Name	Names of colors as given in the various sources I used to create this table. See "Credits" below. In some cases the sources contradict.
Credits	See "Credits" below.
R;G;B Dec	The decimal version of the triplet describing this color.
RGB Hex	The hexidemical version of the triplet describing this color.
CSS HEX	The "short" or "abbreviated" version of the hex triplet used with Cascading Style Sheets (CSS).
BG/FG color sample	See HTML behind the BG/FG color samples above.
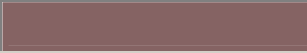
[Click for top]

The Problem with Metallic Colors

Several times folks have written asking what the codes are for a metallic color, such as gold, silver, or copper. It is my understanding that these tones cannot be depicted with an RGB code because they are not composed of a single basic color: Several different shades are mingled to produce a shiny-metal look. The mingling of shades requires the use of a GIF, JPG or other image; it could be used as a background. If my understanding of this is a misunderstanding then I'd greatly apprecate enlightment.

Here are some attempts to make a metal color with just RGB, as depected at Netscape at http://home1.netscape.com/home/bg/colorindex.html

[Click for top]

Shades of Metal					
Color Name	**Credits**	**R;G;B Dec**	**RGB Hex**	**CSS Hex**	**BG/FG color sample**
copper	N	184;115;51	B87333		
cool copper	N	217;135;25	D98719		
Green Copper	N	133;99;99	856363		
brass	N	181;166;66	B5A642		
bronze	N	140;120;83	8C7853		
bronze II	N	166;125;61	A67D3D		
bright gold	N	217;217;25	D9D919		
Old Gold	N	207;181;59	CFB53B		

CSS Gold		204;153;0	CC9900	c90	
gold	N	205;127;50	CD7F32		
silver	N	230;232;250	E6E8FA		
Silver, Grey	V	192;192;192	C0C0C0		
Light Steel Blue	N	84;84;84	545454		
Steel Blue	N	35;107;142	236B8E		

These metallics are, IMHO, lame. Anyone who happens to have samples of metalic looking GIFs that I might use for an example here are urged to email me.

A potential chrome metallic is http://isd.cme.nist.gov/graphics/backgrounds/chrome.gif, but unfortunately the image doesn't wrap properly (the edges show when used as a background).

Another metalic http://www.space.net.au/~jooste/art/others/backgrounds/ripplechrome.gif also falls short of my expectations but it wraps perfectly and looks cool. (So I'm using it as my screen background :-)

My exact idea of good metallic rendering is found at http://userpages.nkn.net/userpages-3d/chrome-icons.gif. Unfortunately this image is of the word "Icon" spelled out in chrome, so it cannot be used as a background.

Another metalic example is this "brushed aluminum"; the same site also has unconvincing examples of "grey aluminum" and "corrugated metal".

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Other Resources

- **Whatcolor** Displays R;G;B for the pixel under mouse cursor; displays corresponding names when known (about 1/2 of those shown above). Intended for use by partially or totally color blind people, it is invaluable for matching colors to images when making HTML documents. Shareware, I think a real bargan $8.00 registration. http://www.hikarun.com/e/.
- **Defining Colours** is a great explanation of how RGB and other color models work. It also has more info about what specific colors' names work with what browsers and CSS2. Also explains the difference between RGB and HSL color spaces.
- **RGB Hex Triplet Color Chart** Many of my co-workers have this very concise 200+ colors with R;G;B chart on the wall behind their monitor. Also very useful

FG/BG/LINKs color calculator and other useful stuff from Douglas Jacobson at http://homepage.mac.com/jakesan/DHP.

- **Color Composing Machine**Click-and-see interface, cranks out actual HTML for background, text, and links that you can cut 'n paste into your hand-edited documents. Other useful stuff, too. http://www.two4u.com/color/ [Broken as of 19-May-2006]
- **The Mother of All HTML Color Charts** is great if my list doesn't have enough (!) for you.
- **Printable PDF RGB Cheat Sheet** abbreviated from my HTML version by Chris Dibble of Albert, Canada.
- **Jo Owl's Page of Color Display** will let you plug an RGB in and show you the actual color. Also has a chart of 0-999 RGB values used in .WIF files.

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Printing This Page in Color

The default settings of some browsers is to not print background colors or images, which means the color sample column will just contain "SAMPLE" printed over and over again. You can turn on the background color/image printing as follows:

Firefox:	Click through **File→PageSetup→Format & Options**, then check "**Print Background (colors & images)**".
Netscape Navigator:	Same as for Firefox.
MS Internet Explorer	Click through **Tools→Internet Options→Advanced**, then scroll down (about half the list) to "**Printing**" and check "**Print background colors and images**".
Safari:	Click through **File→Print→Copies & Pages→Safari**, then check "**Print Backgrounds**" box. *Unfortunately there is a bug in Safari (at least in 2.0.4) and "Print Backgrounds" doesn't do anything.* A work-around is to **File→Print→Save as PDF**, then open the PDF and print it.

Please see this website for hints for browsers not mentioned here. If all else fails please email me, I'll see if I can find a way or maybe even change how the samples are presented.

There is a version of this document without the background image at http://web.njit.edu/~walsh/rgb_nobg.

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Credits

This is a composite of several color name sources, which are indicated by letters in the "Credits" column of the table as follows:

Credit	Source
X	Denotes colors named in MIT's Xconsortum red/green/blue (RGB) color specifications, Xconsortum version 10.41, 1994. On some versions of Unix or Linux this is located at /usr/X11R6/lib/X11/rgb.txt
N	Denotes colors named in Netscape's beta 1.1 "Colors" table located at http://wp.netscape.com/home/bg/colorindex.html. The document seems to contain some odd errors, such as "Hunter Green" and "Green Yellow" definded as shades of red/orange, I've filtered these out.
M	Denotes colors named in Microsoft documents [not yet complete]
V	VGA colors. According to http://www.w3.org/MarkUp/Guide/Style: *"These 16 colors are defined in HTML 3.2 and 4.01 and correspond to the basic VGA set on PCs. Most browsers accept a wider set of color names but use of these is not recommended."* Unfortunatly this advice has been flummoxed by differences between the Xconsortum, Netscape, and Microsoft uses: Not all all have documented the use of what color is provided, or the documentation disagrees about what color is presented. For instance, "green" and "lime" above have different values!
F	The colors of the Free Speech flag, which I have taken the liberty of naming Free Speech {Green, Aquamarine, Magenta, Blue, Gray, Red} as of 10-May-2007. The flag does not contain red for some reason, so please also see the colors swatch provided by Tim Jarrett in his JarretHouseNorth blog.
[none]	Unnamed colors provided for use of the CSS shortcut example (Please inform me if this color is named someplace.)

Some duplicate and contradictory cases exist because of the multiple sources. When sources provided only decimal or hex values, I computed the missing values. The first version of this document was in 1995 or 1996. Thanks to Kenji Mikasa for the idea of using BG/FG samples in 1996.

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Gray vs Grey

Here is not only a spelling issue, but the reason why you should always use RGB color numbers instead of names in your HTML and CSS documents: Except for headings in this document the distinction of spelling "gray" or "grey" comes from the sources shown in the credits" section above. Ordinarily, *gray is an American color, and grey is an English colour*. However it is also possible but not wise to use the color names (yes, the strings) in your HTML to control the colors displayed by the browser instead of using the numbers as shown in samples above.

The problem is that

```
        <BODY BGCOLOR="black"><FONT COLOR="yellow">
```
You should see yellow letters on black background.
Will show yellow letters on black background on almost every browser, but

```
        <BODY BGCOLOR="black"><FONT COLOR="plum">
```
You should see plum letters on black background.
Will show plum letters on black background only on Netscape browser. Non-Netscape browswers *might* show black-on-black if they don't understand "plum" and default to font=black.

Likewise, an older version of the Xorg rgb.txt version lists both "grey" and "gray" spellings, but I imagine different internationalizations of Internet Explorer and other browsers might or might not know both spellings.

Worse yet, I should point out that the colors shown with "X" as the credits above, are associated with the X Window System (aka X11 or X) used with most Unix-like computer systems. These colors can be specified by the name strings wherever a color is specified in X11 (configurations, resources, command lines, etc). While a few browsers might understand some of the colors, I think in general they will not, and so you best best is always to specifiy the color by number in HTML.

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Todo

The following were already suggested or are otherwise already in the works. Fold in *Xorg: rgb.txt,v 1.3*, which includes "grey" colors and possibly other missing spellings. Fix broken external links to metalic color samples. Arrange colors more logically, probably based on numeric hues. Research Microsoft documenation to include colors understood by Internet Exploder.

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