

# SAS Colors

Color Name	Color Description	RGB		HLS
Basic Hues				
BLACK   BL	black		CX000000	H0000000
BLUE   B	blue	CX0000FF	CX0000FF	H00080FF
BROWN   BR	brown	CXA05000	CXA05000	H09650FF
CHARCOAL	charcoal	CX4F4F4F	CX4F4F4F	H0784F00
CREAM	cream	CXE8D898	CXE8D898	H0A8C0A2
CYAN	cyan	CX00FFFF	CX00FFFF	H12C80FF
GOLD	gold	CXFFAA00	CXFFAA00	H0A080FF
GRAY   GREY   GR   A	gray	CX808080	CX808080	H0008000
GREEN   G	green	CX00FF00	CX00FF00	H0F080FF
LILAC	lilac	CXE06090	CXE06090	H062A0AC
LIME	lime	CXC0FF81	CXC0FF81	H0D2C0FF
MAGENTA	magenta	CXFF00FF	CXFF00FF	H03C80FF
MAROON	maroon	CX700000	CX700000	H07838FF
OLIVE	olive	CX2A8307	CX2A8307	H0DF45E6
ORANGE   O	orange	CXFF8000	CXFF8000	H09680FF
PINK	pink	CXFF0080	CXFF0080	H05980FF
PURPLE   P	purple	CX703070	CX703070	H03C5066
RED   R	red	CXFF0000	CXFF0000	H07880FF
ROSE	rose	CXFF6060	CXFF6060	H078B0FF
SALMON	salmon	CXFF0055	CXFF0055	H06480FF
STEEL	steel	CX3883A8	CX3883A8	H1407080
TAN	tan	CXE0A860	CXE0A860	H09AA0AC
VIOLET	violet	CXB090D0	CXB090D0	H01EB067
WHITE   WH   W	white	CXFFFFFF		H000FF00
YELLOW   Y	yellow	CXFFFF00	CXFFFF00	H0B480FF

Blacks				
RBK	reddish black	CX191919	CX191919	H06D1904
BRBL	brownish black		CX010101	H0980101
GBL	greenish black	CX191919	CX191919	H0F81900
OLBL	olive black	CX191919	CX191919	H0CB1900
PBL	purplish black	CX191919	CX191919	H0341901
BBL	bluish black	CX191919	CX191919	H0011901
Blues				
VIGB	vivid greenish blue	CX13478C	CX13478C	H14E4FC3
BIGB	brilliant greenish blue	CX4D7EBF	CX4D7EBF	H14E8679
STGB	strong greenish blue	CX2E4C73	CX2E4C73	H14E506D
DEGB	deep greenish blue	CX142233	CX142233	H14E246D
LIGB	light greenish blue	CX6E86A6	CX6E86A6	H14E8A3C
VLIGB	very light greenish blue	CX90B0D9	CX90B0D9	H14EB57C
MOGB	moderate greenish blue	CX4C5D73	CX4C5D73	H14E6033
DAGB	dark greenish blue	CX2A3440	CX2A3440	H14E3533
VDAGB	very dark greenish blue	CX121519	CX121519	H14E162D
VIB	vivid blue	CX090766	CX090766	H00136DF
BIB	brilliant blue	CX3230B2	CX3230B2	H0017194
STB	strong blue	CX201F73	CX201F73	H0014994
DEB	deep blue	CX100F26	CX100F26	H0011B6D
PAB	pale blue	CX8585A6	CX8585A6	H0019528
VPAB	very pale blue	CXAEADD9	CXAEADD9	H001C35C
GRB	grayish blue	CX5C5C73	CX5C5C73	H001671C
DAGRB	dark grayish blue	CX373740	CX373740	H0013B12
VIPB	vivid purplish blue	CX2B0766	CX2B0766	H01736DF
BIPB	brilliant purplish blue	CX6130B2	CX6130B2	H0177194
STPB	strong purplish blue	CX3F1F73	CX3F1F73	H0174994
DEPB	deep purplish blue	CX180F26	CX180F26	H0171B6D

VLIPB	very light purplish blue	CXA37AE5	CXA37AE5	H017B0AD
LIPB	light purplish blue	CX6D5299	CX6D5299	H017754E
MOPB	moderate purplish blue	CX3F3059	CX3F3059	H017444E
DAPB	dark purplish blue	CX151219	CX151219	H017162D
LIB	light blue	CX5A58A6	CX5A58A6	H0017F4E
VLIB	very light blue	CX7674D9	CX7674D9	H001A691
MOB	moderate blue	CX3E3D73	CX3E3D73	H001584E
DAB	dark blue	CX1B1B26	CX1B1B26	H001212D
PAPB	pale purplish blue	CX8A7AA6	CX8A7AA6	H0179033
VPAPB	very pale purplish blue	CXC0A8E5	CXC0A8E5	H017C78B
GRPB	grayish purplish blue	CX4A4159	CX4A4159	H0174D27
BLB	blackish blue	CX171719	CX171719	H001180D

## Browns

LIBR	light brown	CX8C7962	CX8C7962	H098772D
MOBR	moderate brown	CX594E41	CX594E41	H0984D27
DABR	dark brown	CX191714	CX191714	H098171C
LIGRBR	light grayish brown	CX8C887A	CX8C887A	H0A58313
GRBR	grayish brown	CX59564D	CX59564D	H0A55312
DAGRBR	dark grayish brown	CX33322E	CX33322E	H0A5300D
STYBR	strong yellowish brown	CX806A2B	CX806A2B	H0A5557F
DEYBR	deep yellowish brown	CX332E14	CX332E14	H0AA246D
LIYBR	light yellowish brown	CXA69F7A	CXA69F7A	H0AA9033
MOYBR	moderate yellowish brown	CX736E58	CX736E58	H0AA6522
DAYBR	dark yellowish brown	CX26251F	CX26251F	H0AA221C
LIGRYBR	light grayish yellowish brown	CXA6A18A	CXA6A18A	H0AA9822
GRYBR	grayish yellowish brown	CX737060	CX737060	H0AA6917
DAGRYBR	dark grayish yellowish brown	CX403E37	CX403E37	H0AA3B12
LIOLBR	light olive brown	CX8B8C4B	CX8B8C4B	H0B56C4E
MOOLBR	moderate olive brown	CX595936	CX595936	H0B54740
DAOLBR	dark olive brown	CX26261C	CX26261C	H0B52127

STBR	strong brown	CX593B18	CX593B18	H0983994
STRBR	strong reddish brown	CX4C2714	CX4C2714	H08C3094
DERBR	deep reddish brown	CX26150D	CX26150D	H08C1980
LIRBR	light reddish brown	CX8C7367	CX8C7367	H08C7A27
MORBR	moderate reddish brown	CX59453B	CX59453B	H08C4A33
DARBR	dark reddish brown	CX191614	CX191614	H08C171C
LIGRRBR	light grayish reddish brown	CX8C7D75	CX8C7D75	H08C8118
GRRBR	grayish reddish brown	CX594F4A	CX594F4A	H08C5217
DAGRRBR	dark grayish reddish brown	CX332E2C	CX332E2C	H08C3012
DEBR	deep brown	CX261C0F	CX261C0F	H0981B6D
<b>Grays</b>				
LIBRGR	light brownish gray	CX8C8883	CX8C8883	H098880A
BRGR	brownish gray	CX595753	CX595753	H0985609
PKGR	pinkish gray	CXBFB2B5	CXBFB2B5	H06DB917
RGR	reddish gray	CX8C8385	CX8C8385	H06D880A
DARGR	dark reddish gray	CX595354	CX595354	H06D5609
YGR	yellowish gray	CXBBBFAC	CXBBBFAC	H0C2B621
LIGGR	light greenish gray	CXBFBFBF	CXBFBFBF	H0F8BF01
GGR	greenish gray	CX8C8C8C	CX8C8C8C	H0F88C01
DAGGR	dark greenish gray	CX595959	CX595959	H0F85900
LIOLGR	light olive gray	CX878C7E	CX878C7E	H0CB850F
LIPGR	light purplish gray	CXBDB2BF	CXBDB2BF	H034B917
PGR	purplish gray	CX8B838C	CX8B838C	H034880A
DAPGR	dark purplish gray	CX585359	CX585359	H0345609
LIGR	light gray	CXBFBFBF	CXBFBFBF	H000BF00
MEGR	medium gray	CX8C8C8C	CX8C8C8C	H0008C00
DAGR	dark gray	CX595959	CX595959	H0005900
LTGRAY	light gray	CXC0C0C0	CXC0C0C0	H000C000
DAGRAY	dark gray	CX404040	CX404040	H0004000
LIBGR	light bluish gray	CXB3B2BF	CXB3B2BF	H001B917

BGR	bluish gray	CX83838C	CX83838C	H001880A
OLGR	olive gray	CX575953	CX575953	H0CB5609
DABGR	dark bluish gray	CX535359	CX535359	H0015609
VIBG	vivid bluish green	CX138C89	CX138C89	H12A4FC3
BIBG	brilliant bluish green	CX4DBFBC	CX4DBFBC	H12A8679
STBG	strong bluish green	CX2E7371	CX2E7371	H12A506D
DEBG	deep bluish green	CX143332	CX143332	H12A246D
LIBG	light bluish green	CX6EA6A4	CX6EA6A4	H12A8A3C
VLIBG	very light bluish green	CX90D9D7	CX90D9D7	H12AB57C
MOBG	moderate bluish green	CX4C7372	CX4C7372	H12A6033
DABG	dark bluish green	CX2D403F	CX2D403F	H12A362D
VDABG	very dark bluish green	CX121919	CX121919	H12A162D
VILG	vivid yellow-green	CX44A616	CX44A616	H0DD5EC3
BILG	brilliant yellow-green	CX88E55C	CX88E55C	H0DDA1BA
STLG	strong yellow-green	CX5B993D	CX5B993D	H0DD6B6D
DELG	deep yellow-green	CX3C6629	CX3C6629	H0DD476D
LILG	light yellow-green	CXB1E599	CXB1E599	H0DDBF99
MOLG	moderate yellow-green	CX769966	CX769966	H0DD7F33
PALG	pale yellow-green	CXD1E5C7	CXD1E5C7	H0DDD660
GRLG	grayish yellow-green	CX8B9985	CX8B9985	H0DD8F17
STOLG	strong olive green	CX264C14	CX264C14	H0DD3094
DEOLG	deep olive green	CX15260D	CX15260D	H0DD1980
MOOLG	moderate olive green	CX45593B	CX45593B	H0DD4A33
DAOLG	dark olive green	CX1F261C	CX1F261C	H0DD2127
GROLG	grayish olive green	CX8B9985	CX8B9985	H0DD8F17
DAGROLG	dark grayish olive green	CX2E332C	CX2E332C	H0DD3012
VIYG	vivid yellowish green	CX16A629	CX16A629	H0F85EC3
BIYG	brilliant yellowish green	CX52CC62	CX52CC62	H0F88F8B
STYG	strong yellowish green	CX388C4C	CX388C4C	H0F8626D
DEYG	deep yellowish green	CX185920	CX185920	H0F83994
VDEYG	very deep yellowish green	CX0A260E	CX0A260E	H0F81894
VLIYG	very light yellowish green	CX9EEDA8	CX9EEDA8	H0F8C6B0

LIYG	light yellowish green	CX80BF88	CX80BF88	H0F89F55
MOYG	moderate yellowish green	CX5D8C64	CX5D8C64	H0F87533
DAYG	dark yellowish green	CX3B593F	CX3B593F	H0F84A33
VDAYG	very dark yellowish green	CX172118	CX172118	H0F81C2D
VIG	vivid green	CX118044	CX118044	H10C48C3
BIG	brilliant green	CX4DBF81	CX4DBF81	H10C8679
STG	strong green	CX2E734E	CX2E734E	H10C506D
DEG	deep green	CX143322	CX143322	H10C246D
LIG	light green	CX6EA688	CX6EA688	H10C8A3C
VLIG	very light green	CX99E5BC	CX99E5BC	H10CBF99
MOG	moderate green	CX4C735E	CX4C735E	H10C6033
DAG	dark green	CX364C40	CX364C40	H10C412D
VDAG	very dark green	CX121915	CX121915	H10C162D
PAG	pale green	CX90A69A	CX90A69A	H10C9B1C
VPAG	very pale green	CXBCD9C5	CXBCD9C5	H103CA46
GRG	grayish green	CX63736A	CX63736A	H10C6B12
DAGRG	dark grayish green	CX454C48	CX454C48	H10C490D
BLG	blackish green	CX171918	CX171918	H10C180D
<b>Olives</b>				
LIOL	light olive	CX628033	CX628033	H0CB596D
MOOL	moderate olive	CX47592A	CX47592A	H0CB415D
DAOL	dark olive	CX161911	CX161911	H0CB1533
LIGROL	light grayish olive	CX838C75	CX838C75	H0CB8118
GROL	grayish olive	CX54594A	CX54594A	H0CB5217
DAGROL	dark grayish olive	CX30332C	CX30332C	H0CB3012
<b>Oranges</b>				
VIRO	vivid reddish orange	CX803009	CX803009	H08C44DF
STRO	strong reddish orange	CX8C411C	CX8C411C	H08C54AA
DERO	deep reddish orange	CX662F14	CX662F14	H08C3DAA



MORO	moderate reddish orange	CX8C5438	CX8C5438	H08C626D
DARO	dark reddish orange	CX663D29	CX663D29	H08C476D
GRRO	grayish reddish orange	CX8C6754	CX8C6754	H08C7040
VIO	vivid orange	CXB26306	CXB26306	H0985CEF
BIO	brilliant orange	CXD9892B	CXD9892B	H0988281
STO	strong orange	CXA66921	CXA66921	H09863AA
DEO	deep orange	CX80511A	CX80511A	H0984DAA
LIO	light orange	CXD9A465	CXD9A465	H0989F99
MOO	moderate orange	CXA67D4D	CXA67D4D	H0987A5D
BRO	brownish orange	CX80603C	CX80603C	H0985E5D
<b>Pinks</b>				
VIPK	vivid pink	CXCC1B2B	CXCC1B2B	H06D74C3
STPK	strong pink	CXD9576E	CXD9576E	H06D98A1
DEPK	deep pink	CX99293D	CX99293D	H06D6194
LIPK	light pink	CXE599A7	CXE599A7	H06DBF99
MOPK	moderate pink	CXBA7C87	CXBA7C87	H06D9B4F
DAPK	dark pink	CX995C67	CX995C67	H06D7A40
GRPK	grayish pink	CXBA9BA1	CXBA9BA1	H06DAB2F
PAPK	pale pink	CXE5BFC6	CXE5BFC6	H06DD26D
VIYPK	vivid yellowish pink	CXCC2B1B	CXCC2B1B	H07D74C3
STYPK	strong yellowish pinf	CXCC5D52	CXCC5D52	H07D8F8B
DEYPK	deep yellowish pink	CX993329	CX993329	H0706194
LIYPK	light yellowish pink	CXE5A099	CXE5A099	H07DBF99
MOYPK	moderate yellowish pink	CXBF8580	CXBF8580	H07D9F55
DAYPK	dark yellowish pink	CX99615C	CX99615C	H07D7A40
PAYPK	pale yellowish pink	CXE5C5C2	CXE5C5C2	H07DD468
GRYPK	grayish yellowish pink	CXBFA5A2	CXBFA5A2	H07DB130
BRPK	brownish pink	CXBFB9A6	CXBFB9A6	H0A5B22A
STPPK	strong purplish pink	CXB2309E	CXB2309E	H0467194
DEPPK	deep purplish pink	CX991F85	CX991F85	H0465CAA

LIPPK	light purplish pink	CXD974C9	CXD974C9	H046A691
MOPPK	moderate purplish pink	CXB25FA5	CXB25FA5	H046895A
DAPPK	dark purplish pink	CX995278	CX995278	H058754E
PAPPK	pale purplish pink	CXE5B8D0	CXE5B8D0	H058CF79
GRPPK	grayish purplish pink	CXB28FA2	CXB28FA2	H058A130
BIPPK	brilliant purplish pink	CXD93ABF	CXD93ABF	H04689AC
<b>Purples</b>				
VIP	vivid purple	CX6F0980	CX6F0980	H0347194
BIP	brilliant purple	CXA030B2	CXA030B2	H0347194
STP	strong purple	CX671F73	CX671F73	H0344994
DEP	deep purple	CX3E1745	CX3E1745	H0342E80
VDEP	very deep purple	CX170819	CX170819	H034117F
LIP	light purple	CX9B58A6	CX9B58A6	H0347F4E
VLIP	very light purple	CXCB74D9	CXCB74D9	H034A691
MOP	moderate purple	CX6B3D73	CX6B3D73	H034584E
DAP	dark purple	CX423045	CX423045	H0343B2D
VDAP	very dark purple	CX181219	CX181219	H034162D
PAP	pale purple	CXA185A6	CXA185A6	H0349528
VPAP	very pale purple	CXD3ADD9	CXD3ADD9	H034C35C
GRP	grayish purple	CX705C73	CX705C73	H034671C
DAGRP	dark grayish purple	CX443C45	CX443C45	H0344012
BLP	blackish purple	CX191719	CX191719	H034180D
VIRP	vivid reddish purple	CX59064C	CX59064C	H04630DF
STRP	strong reddish purple	CX731F65	CX731F65	H0464994
DERP	deep reddish purple	CX45173E	CX45173E	H0462E80
VDERP	very deep reddish purple	CX190817	CX190817	H046117F
LIRP	light reddish purple	CX99528E	CX99528E	H046754E
MORP	moderate reddish purple	CX733D6A	CX733D6A	H046584E
DARP	dark reddish purple	CX453042	CX453042	H0463B2D
VDARP	very dark reddish purple	CX191218	CX191218	H046162D



GRRP	grayish reddish purple	CX73546E	CX73546E	H0466327
PARP	pale reddish purple	CX997092	CX997092	H046852A
<b>Reds</b>				
VIR	vivid red	CX33070F	CX33070F	H06D1DC3
STR	strong red	CX731727	CX731727	H06D45AA
DER	deep red	CX4C1923	CX4C1923	H06D3380
VDER	very deep red	CX190A0D	CX190A0D	H06D126D
MOR	moderate red	CX732E3A	CX732E3A	H06D506D
DAR	dark red	CX40262B	CX40262B	H06D3340
VDAR	very dark red	CX191213	CX191213	H06D162D
LIGRR	light grayish red	CX997078	CX997078	H06D852A
GRR	grayish red	CX73545A	CX73545A	H06D6327
LIGRPR	light grayish purplish red	CX997086	CX997086	H058852A
DAGRR	dark grayish red	CX453C3D	CX453C3D	H06D4012
BLR	blackish red	CX191717	CX191717	H06D180D
VIPR	vivid purplish red	CX4C052C	CX4C052C	H05829DF
STPR	strong purplish red	CX731749	CX731749	H05745AA
DEPR	deep purplish red	CX45122E	CX45122E	H0582C94
VDEPR	very deep purplish red	CX190A12	CX190A12	H058126D
MOPR	moderate purplish red	CX732E53	CX732E53	H058506D
DAPR	dark purplish red	CX452938	CX452938	H0583740
GRPR	grayish purplish red	CX734C61	CX734C61	H0586033
VDAPR	very dark purplish red	CX191216	CX191216	H058162D
<b>Violets</b>				
VIV	vivid violet	CX53098C	CX53098C	H0244BDF
BIV	brilliant violet	CX7930B2	CX7930B2	H0227194
STV	strong violet	CX3C1859	CX3C1859	H0223994
DEV	deep violet	CX1B0D26	CX1B0D26	H0221980
LIV	light violet	CX7A5299	CX7A5299	H022754E

VLIV	very light violet	CXAC74D9	CXAC74D9	H022A691
MOV	moderate violet	CX473059	CX473059	H022444E
DAV	dark violet	CX161219	CX161219	H022162D
PAV	pale violet	CX877099	CX877099	H022852A
VPAV	very pale violet	CXCBA8E5	CXCBA8E5	H022C78B
GRV	grayish violet	CX4F4159	CX4F4159	H0224D27
<b>Whites</b>				
YWH	yellowish white	CXE8EDD5	CXE8EDD5	H0C2E166
GWH	greenish white	CXECEDEC	CXECEDEC	H0F8ED06
PKWH	pinkish white	CXEDDDE0	CXEDDDE0	H06DE54E
PWH	purplish white	CXEBDDDED	CXEBDDDED	H034E54E
BWH	bluish white	CXDEDDDED	CXDEDDDED	H001E54E
<b>Yellows</b>				
VIOY	vivid orange-yellow	CXBF9106	CXBF9106	H0A563EF
BIOY	brilliant orange-yellow	CXE5B82E	CXE5B82E	H0A58AC8
STOY	strong orange-yellow	CXBF9926	CXBF9926	H0A573AA
DEOY	deep orange-yellow	CX997A1F	CX997A1F	H0A55CAA
LIOY	light orange-yellow	CXE5C76B	CXE5C76B	H0A5A8B4
MOOY	moderate orange-yellow	CXBAA157	CXBAA157	H0A5896B
DAOY	dark orange-yellow	CX998547	CX998547	H0A5705D
PAOY	pale orange-yellow	CXE5D4A1	CXE5D4A1	H0A5C392
DAY	dark yellow	CX99BF1A	CX99BF1A	H0C26CC3
PAY	pale yellow	CXC6E55C	CXC6E55C	H0C2A1BA
GRY	grayish yellow	CXA3BF46	CXA3BF46	H0C2837C
DAGRY	dark grayish yellow	CX839938	CX839938	H0C26976
VIGY	vivid greenish yellow	CXCDE57A	CXCDE57A	H0C2B0AD
BIGY	brilliant greenish yellow	CXABBF66	CXABBF66	H0C29369
STGY	strong greenish yellow	CX899952	CX899952	H0C2754E
DEGY	deep greenish yellow	CXD9E5B0	CXD9E5B0	H0C2CB83

VIY	vivid yellow	<b>CXB5BF93</b>	CXB5BF93	H0C2A942
BIY	brilliant yellow	<b>CX8E996B</b>	CX8E996B	H0C2822F
STY	strong yellow	<b>CX80BF1A</b>	CX80BF1A	H0CB6CC3
DEY	deep yellow	<b>CXAEE554</b>	CXAEE554	H0CB9DB0
LIY	light yellow	<b>CX8DBA44</b>	CX8DBA44	H0CB7F76
MOY	moderate yellow	<b>CX749938</b>	CX749938	H0CB6976
LIGY	light greenish yellow	<b>CXBDE57A</b>	CXBDE57A	H0CBB0AD
MOGY	moderate greenish yellow	<b>CX9DBF66</b>	CX9DBF66	H0CB9396
DAGY	dark greenish yellow	<b>CX7E9952</b>	CX7E9952	H0CB754E
GRGY	grayish greenish yellow	<b>CXA9BF86</b>	CXA9BF86	H0CBA34F
PAGY	pale greenish yellow	<b>CXCBE5A1</b>	CXCBE5A1	H0CBC392