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### TS-688

### **Defining Colors using Hex Values**

### With the Gray-Scale and RGB Color Naming Schemes

#### Introduction

In Version 6, SAS/Graph includes predefined names for 290 different colors. Additional predefined color names became available for over 100 colors for SAS/Graph output in Version 9. These are the HTML color names listed in the SAS Registry. Together the list of predefined colors give you over 400 colors to choose from. See the "Predefined Colormames" section of this document for the names of the available pre-defined colors.

In any of these releases of the SAS system, you can also define your own colors in SAS/Graph using one of the color-naming schemes. The color-naming schemes are documented in the "SAS/Graph Software Reference" section of the OnlineDoc, under "SAS/Graph Colors". This document focuses on two of those schemes, gray-scale and RGB.

Using the gray-scale color-naming system, it is possible to define 256 different shades of gray ranging from pure black to pure white. With the RGB color-naming system, it is possible to define over 16 million colors. Both color-naming schemes in SAS use hexadecimal notation to define the colors.

#### **Understanding Hex Values**

In everyday life we typically use numbers from the base 10 system, where values range from 0 to 9 before an additional digit is needed. In a hexadecimal numbering system, each digit can represent 16 values, typically represented as 0 through 9 and then A through F, as shown in the following table.

| _                               |                       |
|---------------------------------|-----------------------|
| Base 10                         | Base 16 (Hexadecimal) |
| 0                               | 0                     |
| 1                               | 1                     |
| 2                               | 2                     |
| 3                               | 3                     |
| 4                               | 4                     |
| 1<br>2<br>3<br>4<br>5<br>6<br>7 | 5                     |
| 6                               | 6                     |
|                                 | 7                     |
| 8                               | 8                     |
| 9                               | 9                     |
| 10                              | A                     |
| 11                              | В                     |
| 12                              | С                     |
| 13                              | D                     |
| 14                              | E                     |
| 15                              | F                     |
|                                 |                       |

In the base 10 system, a two-digit number can represent 100 values ranging from 0 through 99. In the base 16 system, a two digit number can represent 256 values, ranging from 00 through FF. A six-digit number in the base 10 system represents 106 (10 x 10 x 10 x 10 x 10 x 10) values, or 1,000,000 numbers. A six-digit number in the hexadecimal system represents 166 (16 x 16 x 16 x 16 x 16 x 16) values, or 16,777,215 numbers.

Methods for manipulating numbers, such as addition, subtraction, and multiplication, work the same in both systems; it is the representation of the value that is different. For example, each of these equations represents the same values:

| Base 10      | Base 16     |
|--------------|-------------|
| 9 + 1 = 10   | 9 + 1 = A   |
| 8 + 8 = 16   | 8 + 8 = 10  |
| 3 x 85 = 255 | 3 x 55 = FF |

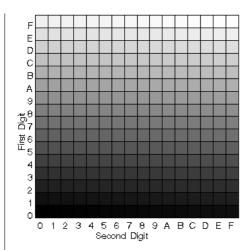
When using the hexadecimal system to define you own colors, the exact value for the color is not as significant as the relationship of the digits in the value to each other, and the relationship of the value of this color to other colors.

# The Gray-Scale Color-Naming Scheme

The gray-scale color naming scheme uses a two digit hex value to define up to 256 shades of gray. In SAS, the root word GRAY is used to distinguish this naming system from the other color-naming systems. For example, GRAY00 is black, GRAYFF is white, and GRAY88 is a medium gray.

The following chart displays all 256 Gray-scale colors.

# Gray-Scale Colors



To define the Gray-scale colors using this chart, build the names as follows:

"GRAY" || FIRST DIGIT || SECOND DIGIT

For example, the last square on the bottom right represents the value GRAY0F, a very dark gray. The square on the top of the left vertical axis represents the value GRAYF0, a very light gray.

### The RGB Color-Naming System

The RGB color system is commonly used in both web graphics and web documents. This system is was designed to define colors as the human eye perceives them, as light. The three foundation or primary colors of this system are red, green, and blue.

The color system is additive: varying values for red, green, and blue can be combined to form the other colors. Because the system is based upon the properties of light, an absence of all color is black and full saturation in all colors is white. Each secondary color is the sum of two primary colors:

- Red + Blue = Purple
- Red + Green = Yellow
- Green + Blue = Cvan

The SAS RGB color-naming scheme is similar to the standard HTML color-naming scheme. Both use a six-digit hexadecimal value to represent the amount of red, green, and blue that define the color. The first pair of digits represents the amount of red in the color; the second pair of digits is for blue, and the third is for green. In SAS, the color names must also be preceded by the letters "CX" to distinguish this color-naming system from other SAS color-naming systems. The general form of the names in SAS is as follows:

"CX" || RED RED || GREEN GREEN || BLUE BLUE

This system allows for the creation of over 16 million different colors. All 256 grayscale colors are included in this color system.

### Listing the RGB Colors

Because the RGB system defines over 16 million colors, it would take many pages to display them all. It is also difficult to distinguish colors that have very similar values.

A good reference for a broad range of colors are the 216 colors commonly used on the web. These 216 colors form what is known as the "web-safe" or "non-dithering" color palette. They were traditionally used to prevent color-mapping or dithering of images when the majority of computer displays only supported 256 colors. Although most displays today are capable of representing millions of colors, this palette still remains popular.

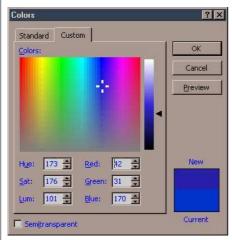
The only digits used in web-safe colors are 0, 3, 6, 9, C, and F. As you can see in the chart, the convention is for the values of red, green, and blue to use the same value for both digits.

# The 216-Websafe Colors

By varying the amounts of red, green, and blue in a given value, you can begin to define your own colors. Remember that the names must be preceded by the letters "CX" in order to identify the value as an RGB color in SAS.

## Converting Color Values from Other Software Programs

Many software programs that allow you to edit their own colors can display the RGB values for that color. In these programs the RGB colors are usually represented as three base-10 values ranging from 0 to 255. For example, the following screen-shots show the RGB values for a particular shade of blue as displayed by two different software programs:





To match RGB colors in your SAS output to RGB colors from another software program, you can translate the decimal values to hexadecimal representation using a SAS program. For example, the following program converts the color blue above from the base 10 representation to hexadecimal values that can be used to represent the RGB color in SAS.

```
data _null_;
/* Input values */
```

```
red=42;
green=31;
blue=170;

/* Convert to hex */
hexred=put(red,hex2.);
hexgreen=put(green,hex2.);
hexblue=put(blue,hex2.);

/* Create as a SAS RGB color */
sasrgb="CX"||hexred||hexgreen||hexblue;
/* Write the new value to the Log */
put sasrgb;
run;
```

For this shade of blue, the SAS RGB color is  ${\tt CX2A1FAA}.$ 

### **Predefined Colornames**

In SAS 6, 290 different colors were available by their predefined names, such as RED, ORANGE, and VIGB ("vivid greenish blue"). In SAS 8.2, 140 predefined colors were added that could be used with non-graphical output. In Version 9.0, you can specify these HTML colors for SAS/Graph output. These colors, such as BlanchedAlmond and SeaShell, are listed in the SAS Registry under the key "COLORNAMES\HTML". The RGB values for the colors are displayed next to each name.

The following table shows the SAS/Graph color names and the HTML color names. The presence of a Description indicates the color is one of the SAS/Graph colors. RGB and HLS colors are shown for both types of colors. The color should be referenced by its name, RGB, or HLS value. Names do not contain spaces, so they do not need to be specified in quotes. Colors listed by both schemes, such as BLACK and YELLOW, are represented only once in the table.

| Name              | RGB Value | HLS Value | Sample | Description               |
|-------------------|-----------|-----------|--------|---------------------------|
| BLACK             | CX000000  | H0000000  |        | Black                     |
| Navy              | CX000080  | H00040FF  |        |                           |
| DarkBlue          | CX00008B  | H00046FF  |        |                           |
| MediumBlue        | CX0000CD  | H00067FF  |        |                           |
| BLUE              | CX0000FF  | H00080FF  |        | Blue                      |
| DarkGreen         | CX006400  | H0EF32FF  |        |                           |
| Green             | CX008000  | H0EF40FF  |        |                           |
| Teal              | CX008080  | H12C40FF  |        |                           |
| DarkCyan          | CX008B8B  | H12C46FF  |        |                           |
| DeepSkyBlue       | CX00BFFF  | H13980FF  |        |                           |
| DarkTurquoise     | CX00CED1  | H12C69FF  |        |                           |
| MediumSpringGreen | CX00FA9A  | H1157DFF  |        |                           |
| GREEN             | CX00FF00  | H0F080FF  |        | Green                     |
| SpringGreen       | CX00FF7F  | H10D80FF  |        |                           |
| CYAN              | CX00FFFF  | H12C80FF  |        | Cyan                      |
| BRBL              | CX010101  | H0980101  |        | Brownish black            |
| VIB               | CX090766  | H00136DF  |        | Vivid blue                |
| VDEYG             | CX0A260E  | H0F81894  |        | Very deep yellowish green |
| DEB               | CX100F26  | H0011B6D  |        | Deep blue                 |
| VIG               | CX118044  | H10C48C3  |        | Vivid green               |
| VDAGB             | CX121519  | H14E162D  |        | Very dark greenish blue   |
| VDAG              | CX121915  | H10C162D  |        | Very dark green           |
| VDABG             | CX121919  | H12A162D  |        | Very dark bluish green    |
| VIGB              | CX13478C  | H14E4FC3  |        | Vivid greenish blue       |
| VIBG              | CX138C89  | H12A4FC3  |        | Vivid bluish green        |
| DEGB              | CX142233  | H14E246D  |        | Deep greenish blue        |
| DEG               | CX143322  | H10C246D  |        | Deep green                |
| DEBG              | CX143332  | H12A246D  |        | Deep bluish green         |
| DAPB              | CX151219  | H017162D  |        | Dark purplish blue        |
| DEOLG             | CX15260D  | H0DD1980  |        | Deep olive green          |
| DAV               | CX161219  | H022162D  |        | Dark violet               |
| DAOL              | CX161911  | H0CB1533  |        | Dark olive                |
| VIYG              | CX16A629  | H0F85EC3  |        | Vivid yellowish green     |
| VDEP              | CX170819  | H034117F  |        | Very deep purple          |
| BLB               | CX171719  | H001180D  |        | Blackish blue             |
| BLG               | CX171918  | H10C180D  |        | Blackish green            |
| VDAYG             | CX172118  | H0F81C2D  |        | Very dark yellowish green |
| DEPB              | CX180F26  | H0171B6D  |        | Deep purplish blue        |
| VDAP              | CX181219  | H034162D  |        | Very dark purple          |
| DEYG              | CX185920  | H0F83994  |        | Deep yellowish green      |
| VDERP             | CX190817  | H046117F  |        | Very deep reddish purple  |
| VDER              | CX190A0D  | H06D126D  |        | Very deep red             |
| VDEPR             | CX190A12  | H058126D  |        | Very deep purplish red    |

| Name  | RGB Value | HLS Value | Sample | Description              |
|-------|-----------|-----------|--------|--------------------------|
| VDAR  | CX191213  | H06D162D  |        | Very dark red            |
| VDAPR | CX191216  | H058162D  |        | Very dark purplish red   |
| VDARP | CX191218  | H046162D  |        | Very dark reddish purple |
| DARBR | CX191614  | H08C171C  |        | Dark reddish brown       |
| DABR  | CX191714  | H098171C  |        | Dark brown               |
| BLR   | CX191717  | H06D180D  |        | Blackish red             |

| BLP            | CX191719 | H034180D |      | Blackish purple            |
|----------------|----------|----------|------|----------------------------|
| RBK            | CX191919 | H06D1904 |      | Reddish black              |
| MidnightBlue   | CX191970 | H00045A2 |      |                            |
| DEV            | CX1B0D26 | H0221980 |      | Deep violet                |
| DAB            | CX1B1B26 | H001212D |      | Dark blue                  |
| DodgerBlue     | CX1E90FF | H1498FFF |      |                            |
| DAOLG          | CX1F261C | H0DD2127 |      | Dark olive green           |
| STB            | CX201F73 | H0014994 |      | Strong blue                |
| LightSeaGreen  | CX20B2AA | H12969B2 |      |                            |
| ForestGreen    | CX228B22 | H0EF579B |      |                            |
| DERBR          | CX26150D | H08C1980 |      | Deep reddish brown         |
| DEBR           | CX261C0F | H0981B6D |      | Deep brown                 |
| DAYBR          | CX26251F | H0AA221C |      | Dark yellowish brown       |
| DAOLBR         | CX26261C | H0B52127 |      | Dark olive brown           |
| STOLG          | CX264C14 | H0DD3094 |      | Strong olive green         |
| DAGB           | CX2A3440 | H14E3533 |      | Dark greenish blue         |
| VIPB           | CX2B0766 | H01736DF |      | Vivid purplish blue        |
| DABG           | CX2D403F | H12A362D |      | Dark bluish green          |
| DAGROLG        | CX2E332C | H0DD3012 |      | Dark grayish olive green   |
| STGB           | CX2E4C73 | H14E506D |      | Strong greenish blue       |
| STG            | CX2E734E | H10C506D |      | Strong green               |
| STBG           | CX2E7371 | H12A506D |      | Strong bluish green        |
| SeaGreen       | CX2E8B57 | H10A5D81 |      |                            |
| DarkSlateGray  | CX2F4F4F | H12C3F41 |      |                            |
| DAGROL         | CX30332C | H0CB3012 |      | Dark grayish olive         |
| BIB            | CX3230B2 | H0017194 |      | Brilliant blue             |
| LimeGreen      | CX32CD32 | H0EF809B |      |                            |
| VIR            | CX33070F | H06D1DC3 |      | Vivid red                  |
| DEYBR          | CX332E14 | H0AA246D |      | Deep yellowish brown       |
| DAGRRBR        | CX332E2C | H08C3012 |      | Dark grayish reddish brown |
| DAGRBR         | CX33322E | H0A5300D |      | Dark grayish brown         |
| DAG            | CX364C40 | H10C412D |      | Dark green                 |
| DAGRB          | CX373740 | H0013B12 |      | Dark grayish blue          |
| STYG           | CX388C43 | H0F8626D | STYG | Strong yellowish green     |
| DAYG           | CX3B593F | H0F84A33 |      | Dark yellowish green       |
| STV            | CX3C1859 | H0223994 |      | Strong violet              |
| DELG           | CX3C6629 | H0DD476D |      | Deep yellow green          |
| MediumSeaGreen | CX3CB371 | H10A787F |      |                            |
| DEP            | CX3E1745 | H0342E80 |      | Deep purple                |
| МОВ            | CX3E3D73 | H001584E |      | Moderate blue              |
| STPB           | CX3F1F73 | H0174994 |      | Strong purplish blue       |

| Name            | RGB Value | HLS Value  | Sample | Description                  |
|-----------------|-----------|------------|--------|------------------------------|
| MOPB            | CX3F3059  | H017444E   |        | Moderate purplish blue       |
| DAR             | CX40262B  | H06D3340   |        | Dark red                     |
| DAGRYBR         | CX403E37  | H0AA3B12   |        | Dark grayish yellowish brown |
| Turquoise       | CX40E0D0  | H12690B8   |        | g system y the same and the  |
| RoyalBlue       | CX4169E1  | H15A91BA   |        |                              |
| DAP             | CX423045  | H0343B2D   |        | Dark purple                  |
| DAGRP           | CX443C45  | H0344012   |        | Dark grayish purple          |
| VILG            | CX44A616  | H0DD5EC3   |        | Vivid yellow green           |
| DEPR            | CX45122E  | H0582C94   |        | Deep purplish red            |
| DERP            | CX45173E  | H0462E80   |        | Deep reddish purple          |
| DAPR            | CX452938  | H0583740   |        | Dark purplish red            |
| DARP            | CX453042  | H0463B2D   |        | Dark reddish purple          |
| DAGRR           | CX453C3D  | H06D4012   |        | Dark grayish red             |
| DAGRG           | CX454C48  | H10C490D   |        | Dark grayish green           |
| MOOLG           | CX45593B  | H0DD4A33   |        | Moderate olive green         |
| SteelBlue       | CX4682B4  | H1467D71   |        | mederate enve green          |
| MOV             | CX473059  | H022444E   |        | Moderate violet              |
| MOOL            | CX47592A  | H0CB415D   |        | Moderate olive               |
| DarkSlateBlue   | CX483D8B  | H0076464   |        | Wiederate enve               |
| MediumTurquoise | CX48D1CC  | H12A8D99   |        |                              |
| GRPB            | CX4A4159  | H0174D27   |        | Grayish purplish blue        |
| Indigo          | CX4B0082  | H02341FF   |        | Grayion parphon blac         |
| VIPR            | CX4C052C  | H05829DF   |        | Vivid purplish red           |
| DER             | CX4C1923  | H06D3380   |        | Deep red                     |
| STRBR           | CX4C2714  | H08C3094   |        | Strong reddish brown         |
| MOGB            | CX4C5D73  | H14E6033   |        | Moderate greenish blue       |
| MOG             | CX4C735E  | H10C6033   |        | Moderate green               |
| MOBG            | CX4C7372  | H12A6033   |        | Moderate bluish green        |
| BIGB            | CX4D7EBF  | H14E8679   |        | Brilliant greenish blue      |
| BIG             | CX4DBF81  | H10C8679   |        | Brilliant green              |
| BIBG            | CX4DBFBC  | H12A8679   |        | Brilliant bluish green       |
| GRV             | CX4F4159  | H0224D27   |        | Grayish violet               |
| BIYG            | CX52CC62  | H0F88F8B   |        | Brilliant yellowish green    |
| VIV             | CX53098C  | H0224BDF   |        | Vivid violet                 |
| DABGR           | CX535359  | H0015609   |        | Dark bluish gray             |
| GROL            | CX54594A  | H0CB5217   |        | Grayish olive                |
| DarkOliveGreen  | CX556B2F  | H0C94D64   |        | Grayion onvo                 |
| OLGR            | CX575953  | H0CB5609   |        | Olive gray                   |
| DAPGR           | CX585359  | H0345609   |        | Dark purplish gray           |
| VIRP            | CX59064C  | H04630DF   |        | Vivid reddish purple         |
| STBR            | CX593B18  | H0983994   | 1      | Strong brown                 |
| MORBR           | CX59453B  | H08C4A33   |        | Moderate reddish brown       |
| MOBR            | CX594E41  | H0984D27   |        | Moderate brown               |
| GRRBR           | CX594F4A  | H08C5217   |        | Grayish reddish brown        |
| DARGR           | CX595354  | H06D5609   |        | Dark reddish gray            |
| GRBR            | CX59564D  | H0A55312   |        | Grayish brown                |
| BRGR            | CX595753  | H0985609   |        | Brownish gray                |
| DI/QI/          | 0/030100  | 1 10303003 |        | טוטויטויטן yray              |

| Name                   | RGB Value | HLS Value | Sample | Description              |
|------------------------|-----------|-----------|--------|--------------------------|
| MOOLBR                 | CX595936  | H0B54740  |        | Moderate olive brown     |
| DAGGR                  | CX595959  | H0F85900  |        | Dark greenish gray       |
| LIB                    | CX5A58A6  | H0017F4E  |        | Light blue               |
| STLG                   | CX5B993D  | H0DD6B6D  |        | Strong yellow green      |
| GRB                    | CX5C5C73  | H001671C  |        | Grayish blue             |
| MOYG                   | CX5D8C64  | H0F87533  |        | Moderate yellowish green |
| CadetBlue              | CX5F9EA0  | H12D8041  |        |                          |
| BIPB                   | CX6130B2  | H0177194  |        | Brilliant purplish blue  |
| LIOL                   | CX628033  | H0CB596D  |        | Light olive              |
| GRG                    | CX63736A  | H10C6B12  |        | Grayish green            |
| CornFlowerBlue         | CX6495ED  | H153A9CA  |        |                          |
| DERO                   | CX662F14  | H08C3DAA  |        | Deep reddish orange      |
| DARO                   | CX663D29  | H08C476D  |        | Dark reddish orange      |
| MediumAquamarine       | CX66CDAA  | H1189A82  |        | -                        |
| STP                    | CX671F73  | H0344994  |        | Strong purple            |
| DimGray                | CX696969  | H0006900  |        |                          |
| SlateBlue              | CX6A5ACD  | H0079489  |        |                          |
| MOP                    | CX6B3D73  | H034584E  |        | Moderate purple          |
| OliveDrab              | CX6B8E23  | H0C6599B  |        |                          |
| LIPB                   | CX6D5299  | H017754E  |        | Light purplish blue      |
| LIGB                   | CX6E86A6  | H14E8A3C  |        | Light greenish blue      |
| LIG                    | CX6EA688  | H10C8A3C  |        | Light green              |
| LIBG                   | CX6EA6A4  | H12A8A3C  |        | Light bluish green       |
| VIP                    | CX6F0980  | H03444DF  |        | Vivid purple             |
| MAROON                 | CX700000  | H07838FF  |        | Maroon .                 |
| PURPLE                 | CX703070  | H03C5066  |        | Purple                   |
| GRP                    | CX705C73  | H034671C  |        | Grayish purple           |
| SlateGray              | CX708090  | H14A8021  |        |                          |
| STR                    | CX731727  | H06D45AA  |        | Strong red               |
| STPR                   | CX731749  | H05845AA  |        | Strong purplish red      |
| STRP                   | CX731F65  | H0464994  |        | Strong reddish purple    |
| MOR                    | CX732E3A  | H06D506D  |        | Moderate red             |
| MOPR                   | CX732E53  | H058506D  |        | Moderate purplish red    |
| MORP                   | CX733D6A  | H046584E  |        | Moderate reddish purple  |
| GRPR                   | CX734C61  | H0586033  |        | Grayish purplish red     |
| GRR                    | CX73545A  | H06D6327  |        | Grayish red              |
| GRRP                   | CX73546E  | H0466327  |        | Grayish reddish purple   |
| MOYBR                  | CX736E58  | H0AA6522  |        | Moderate yellowish brown |
| GRYBR                  | CX737060  | H0AA6917  |        | Grayish yellowish brown  |
| DEGY                   | CX749938  | H0CB6976  |        | Deep greenish yellow     |
| VLIB                   | CX7674D9  | H001A691  |        | Very light blue          |
| MOLG                   | CX7674D9  | H0DD7F33  |        | Moderate yellow green    |
| LightSlateGray         | CX778899  | H14A8825  |        | woderate yellow green    |
| BIV                    | CX7930B2  | H0227194  |        | Brilliant violet         |
| LIV                    | CX7A5299  | H022754E  |        | Light violet             |
| Liv<br>MediumSlateBlue | CX7B68EE  | H007ABCC  |        | LIGITE VIOLEL            |
|                        | CX7CFC00  | H0D27EFF  |        |                          |
| LawnGreen              | CA/CFC00  | HUD2/EFF  |        |                          |

| Name         | RGB Value            | HLS Value | Sample | Description                 |
|--------------|----------------------|-----------|--------|-----------------------------|
| DAGY         | CX7E9952             | H0CB754E  |        | Dark greenish yellow        |
| Aquamarine   | CX7FFDD4             | H119BEF8  |        |                             |
| Chartreuse   | CX7FFF00             | H0D280FF  |        |                             |
| Maroon       | CX800000             | H07840FF  |        |                             |
| Purple       | CX800080             | H03B40FF  |        |                             |
| VIRO         | CX803009             | H08C44DF  |        | Vivid reddish orange        |
| DEO          | CX80511A             | H0984DAA  |        | Deep orange                 |
| BRO          | CX80603C             | H0985E5D  |        | Brownish orange             |
| STYBR        | CX806A2B             | H0A5557F  |        | Strong yellowish brown      |
| Olive        | CX808000             | H0B440FF  |        |                             |
| GRAY         | CX808080             | H0008000  |        | Gray                        |
| VIGY         | CX80BF1A             | H0CB6CC3  |        | Vivid greenish yellow       |
| LIYG         | CX80BF88             | H0F89F55  |        | Light yellowish green       |
| BGR          | CX83838C             | H001880A  |        | Bluish gray                 |
| LIGROL       | CX838C75             | H0CB8118  |        | Light grayish olive         |
| DEY          | CX839938             | H0C26976  |        | Deep yellow                 |
| PAB          | CX8585A6             | H0019528  |        | Pale blue                   |
| PAV          | CX877099             | H022852A  |        | Pale violet                 |
| LIOLGR       | CX878C7E             | H0CB850F  |        | Light olive gray            |
| SkyBlue      | CX87CEEB             | H13CB9B7  |        | =igin airra gray            |
| LightSkyBlue | CX87CEFA             | H142C1EB  |        |                             |
| BILG         | CX88E55C             | H0DDA1BA  |        | Brilliant yellow green      |
| DAY          | CX899952             | H0C2754E  |        | Dark yellow                 |
| BlueViolet   | CX8A2BE2             | H01F87C2  |        | zam yenen                   |
| PAPB         | CX8A7AA6             | H0179033  |        | Pale purplish blue          |
| DarkRed      | CX8B0000             | H07846FF  |        | , are parphen area          |
| DarkMagenta  | CX8B008B             | H03B46FF  |        |                             |
| SaddleBrown  | CX8B4513             | H0904FC2  |        |                             |
| PGR          | CX8B838C             | H034880A  |        | Purplish gray               |
| LIOLBR       | CX8B8C4B             | H0B56C4E  |        | Light olive brown           |
| GRLG         | CX8B9985             | H0DD8F17  |        | Grayish yellow green        |
| STRO         | CX8C411C             | H08C54AA  |        | Strong reddish orange       |
| MORO         | CX8C5438             | H08C626D  |        | Moderate reddish orange     |
| GRRO         | CX8C6754             | H08C7040  |        | Grayish reddish orange      |
| LIRBR        | CX8C7367             | H08C7A27  |        | Light reddish brown         |
| LIBR         | CX8C7962             | H098772D  |        | Light brown                 |
| LIGRRBR      | CX8C7D75             | H08C8118  |        | Light grayish reddish brown |
| RGR          | CX8C8385             | H06D880A  |        | Reddish gray                |
| LIGRBR       | CX8C887A             | H0A58313  |        | Light grayish brown         |
| LIBRGR       | CX8C8883             | H098880A  |        | Light brownish gray         |
| GGR          | CX8C8C8C             | H0F88C01  |        | Greenish gray               |
| STGY         | CX8DBA44             | H0CB7F76  |        | Strong greenish yellow      |
| DAGRY        | CX8E996B             | H0C2822F  |        | Dark grayish yellow         |
| DarkSeaGreen | CX8FBC8F             | H0EFA641  |        | Dain grayisti yellow        |
| PAG          | CX90A69A             | H10C9B1C  |        | Pale green                  |
| VLIGB        | CX90B0D9             | H14EB57C  |        | Very light greenish blue    |
|              | CX90D0D9<br>CX90D9D7 | H12AB57C  |        |                             |
| VLIBG        | CVAODADI             | HTZAD370  |        | Very light bluish green     |

| Light Green         CX90EE90         HOEFBFBC           MediumPurple         CX9400D3         H028699           DarkViolet         CX9400D3         H02864FF           PaleGreen         CX98F898         H0EFCAEC           DEPK         CX991F85         H0465CAA         Deep purplish pink           DEPK         CX9932CC         H0297F9B         Deep yellowish pink           DAPK         CX993329         H0706194         Deep yellowish pink           DAPPK         CX99528E         H046754E         Light reddish purple           DAPK         CX99528E         H046754E         Light reddish purple           DAYPK         CX995067         H0607A40         Dark pink           DAYPK         CX999136         H0707A40         Dark yellowish pink           LIGRR         CX997081         H06852A         Light grayish red           LIGRR         CX997086         H058852A         Light purplish red           PARP         CX997081         H06852A         Light purplish red           VIY         CX997A1F         H0A55CAA         Deep orange yellow           VIY         CX997A1F         H0A55CAA         Deep orange yellow           VIY         CX99854A         H0C366C3         Virid y   | Name           | RGB Value | HLS Value | Sample | Description                   |
|--|----------------|-----------|-----------|--------|-------------------------------|
| DarkViolet         CX9400D3         H02B6AFF           PaleGreen         CX98FB98         H0EFCAEC           DEPPK         CX991F85         H0465CAA         Deep purplish pink           DEPK         CX99293D         H06D6194         Deep pink           Dark Orchid         CX9932CC         H0297F8B         Deep yellowish pink           DAPPK         CX995278         H058754E         Dark purplish pink           LIRP         CX99528E         H046754E         Light reddish purple           DAPK         CX995667         H06D7A40         Dark pink           DAYPK         CX99615C         H07D7A40         Dark pink           LIGRR         CX997078         H06D852A         Light grayish red           LIGRR         CX997086         H058852A         Light purplish red           PARP         CX997092         H046852A         Pale reddish purple           DEOY         CX99781F         H0A55CAA         Deep orange yellow           VIY         CX99854T         H0A5705D         Dark orange yellow           VIY         CX99851A         H0C26C3         Vivid yellow           VUIG         CX99E5BC         H10C8F99         Very light purplish purple           MGGY         CX9B568A <td>LightGreen</td> <td>CX90EE90</td> <td>H0EFBFBC</td> <td></td> <td></td>                              | LightGreen     | CX90EE90  | H0EFBFBC  |        |                               |
| PaleGreen         CX98FB98         H04F5CAEC           DEPK         CX991F85         H0465CAA         Deep purplish pink           DEPK         CX99185         H046D6194         Deep pink           Dark Orchid         CX9932CC         H0297F9B           DEYPK         CX993229         H07D6194         Deep yellowish pink           DAPPK         CX995278         H058754E         Dark purplish pink           LIRP         CX99528E         H046754E         Light reddish purple           DAPK         CX995067         H06D7A40         Dark pink           DAYPK         CX99615C         H07D7A40         Dark yellowish pink           LIGRR         CX997078         H06B852A         Light purplish red           LIGRPR         CX997086         H058852A         Light purplish red           PARP         CX997090902         H048852A         Pale reddish purple           DEOY         CX997A1F         H0A55CAA         Deep orange yellow           VIY         CX998547         H0A5705D         Dark orange yellow           VIY         CX998547         H0A5705D         Dark orange yellow           VIY         CX998546         H0C8609B         Very light purple           WIG         CX99E   | MediumPurple   | CX9370DB  | H012A699  |        |                               |
| DEPPK         CX991F85         H0465CAA         Deep purplish pink           DEPK         CX99293D         H0606194         Deep pink           DarkOrchid         CX9932CC         H0297F9B         Deep pink           DEYPK         CX9932C9         H0706194         Deep yellowish pink           DAPPK         CX99528E         H046754E         Light reddish purple           DAPK         CX99528E         H046754E         Light reddish purple           DAPK         CX99528E         H046754E         Light reddish purple           DAPK         CX99528E         H046754E         Light preplish right           LIGRR         CX997056         H07D7A40         Dark pink           LIGRR         CX997086         H058852A         Light purplish red           LIGRR         CX997086         H058852A         Light purplish red           PARP         CX997092         H046852A         Pale reddish purple           DEOY         CX997A1F         H0A55CAA         Deep orange yellow           VIY         CX998547         H0A5705D         Dark orange yellow           VIY         CX998547         H0A5705D         Dark orange yellow           VIY         CX99856A6         H0347F4E         Light purplish purpli  | DarkViolet     | CX9400D3  | H02B6AFF  |        |                               |
| DEPK         CX99293D         H06D6194         Deep pink           DarkOrchid         CX9932CC         H0297F9B           DEYPK         CX993329         H07D6194         Deep yellowish pink           DAPPK         CX995278         H058754E         Dark purplish pink           LIRP         CX99528E         H046754E         Light reddish purple           DAPK         CX995067         H06D7A40         Dark pink           DAYPK         CX99615C         H07D7A40         Dark pink           LIGRR         CX997086         H058852A         Light grayish red           LIGRPR         CX997086         H058852A         Light purplish red           PARP         CX997092         H046852A         Pale reddish purple           DEOY         CX99741F         H0A55CAA         Deep orange yellow           VIY         CX998547         H0A5705D         Dark orange yellow           VIY         CX998584         H0C86809B         LIP           LIP         CX99858A         H03474E         Light purple           VERY light green         Yery light yellowish green           VLIYG         CX90BF66         H0C89369         Moderate greenish yellow           VLIYG         CX90BF66         H034794   | PaleGreen      | CX98FB98  | H0EFCAEC  |        |                               |
| DarkOrchid         CX9932CC         H0297F9B           DEYPK         CX993329         H07D6194         Deep yellowish pink           DAPPK         CX995278         H058754E         Dark purplish pink           LIRP         CX99528E         H046754E         Light reddish purple           DAPK         CX995C67         H06D7A40         Dark pink           DAYPK         CX99615C         H07D7A40         Dark pink           LIGRR         CX99708         H06D852A         Light grayish red           LIGRPR         CX997086         H058852A         Light purplish red           PARP         CX997092         H046852A         Pale reddish purple           DEOY         CX997A1F         H0A55CAA         Deep orange yellow           VIY         CX998547         H0A5705D         Dark orange yellow           VIY         CX9985BC         H10CBF99         Very light green           YellowGreen         CX9ACD32         H0C6809B         LIP         Light purple           MGGY         CX9DB58A         H0347F4E         Light purple         Moderate greenish yellow           VLIYG         CX905B8A6         H0347F4E         Brilliant purple           BROWN         CXA05000         H09650FF <td< td=""><td>DEPPK</td><td>CX991F85</td><td>H0465CAA</td><td></td><td>Deep purplish pink</td></td<> | DEPPK          | CX991F85  | H0465CAA  |        | Deep purplish pink            |
| DEYPK         CX993329         H07D6194         Deep yellowish pink           DAPPK         CX995278         H058754E         Dark purplish pink           LIRP         CX99528E         H046754E         Light reddish purple           DAPK         CX99526F         H06D7A40         Dark pink           DAYPK         CX99615C         H07D7A40         Dark pink           LIGRR         CX997078         H06D852A         Light grayish red           LIGRPR         CX997086         H058852A         Light purplish red           PARP         CX997092         H046852A         Pale reddish purple           DEOY         CX997A1F         H0A55CAA         Deep orange yellow           DAOY         CX99851A         H0C26CC3         Vivid yellow           VLIG         CX99851A         H0C26CC3         Vivid yellow           VLIG         CX9955BC         H10CBF99         Very light green           YellowGreen         CX9ACD32         H0C6809B         LIP           LIP         CX9B58A6         H0347+E         Light purple           MOGY         CX9B5BA6         H0C89369         Moderate greenish yellow           VLIYG         CX965BAA6         H034958         Moderate greenish yellow <t< td=""><td>DEPK</td><td>CX99293D</td><td>H06D6194</td><td></td><td>Deep pink</td></t<>                  | DEPK           | CX99293D  | H06D6194  |        | Deep pink                     |
| DAPPK         CX995278         H058754E         Dark purplish pink           LIRP         CX99528E         H046754E         Light reddish purple           DAPK         CX995C67         H06D7A40         Dark pink           DAYPK         CX99615C         H07D7A40         Dark pink           LIGRR         CX997078         H06D852A         Light grayish red           LIGRPR         CX997086         H058852A         Light purplish red           PARP         CX997092         H046852A         Pale reddish purple           DEOY         CX997A1F         H0A55CAA         Deep orange yellow           DAOY         CX998547         H0A5705D         Dark orange yellow           VIY         CX99BF1A         H0C26CC3         Vivid yellow           VLIG         CX99E5BC         H10CBF99         Very light green           YellowGreen         CX9ACD32         H0C6809B         LIP           LIP         CX98E58A6         H0347F4E         Light purple           MOGY         CX9DBF66         H0CB9369         Moderate greenish yellow           VLIYG         CX9CEEDA8         H0F8C6B0         Very light yellowish green           BIP         CXA030B2         H0347194         Brilliant purple   | DarkOrchid     | CX9932CC  | H0297F9B  |        |                               |
| LIRP         CX99528E         H046754E         Light reddish purple           DAPK         CX995C67         H06D7A40         Dark pink           DAYPK         CX99615C         H07D7A40         Dark yellowish pink           LIGRR         CX997078         H06B852A         Light grayish red           LIGRPR         CX997086         H058882A         Light purplish red           PARP         CX997092         H046852A         Pale reddish purple           DEOY         CX997A1F         H0A55CAA         Deep orange yellow           DAOY         CX998547         H0A5705D         Dark orange yellow           VIY         CX99E5BC         H10CBF99         Very light green           YellowGreen         CX9ACD32         H0C6809B         Light purple           MOGY         CX9BE58A6         H0S47F4E         Light purple           MOGY         CX9BE66         H0CB9369         Moderate greenish yellow           VLIYG         CX9EEDA8         H0F8C6B0         Very light yellowish green           BIP         CXA030B2         H0347194         Brilliant purple           BROWN         CXA0522D         H08A6790         PAP           PAP         CXA185A6         H0349528         Pale purple  | DEYPK          | CX993329  | H07D6194  |        | Deep yellowish pink           |
| DAPK         CX995C67         H06D7A40         Dark pink           DAYPK         CX99615C         H07D7A40         Dark yellowish pink           LIGRR         CX997078         H06B852A         Light grayish red           LIGRPR         CX997082         H046852A         Light purplish red           PARP         CX997092         H046852A         Pale reddish purple           DEOY         CX99781F         H0A55CAA         Deep orange yellow           DAOY         CX99851A         H0A5705D         Dark orange yellow           VIY         CX99851A         H0C26CC3         Vivid yellow           VLIG         CX9985BC         H10C8F99         Very light green           YellowGreen         CX9ACD32         H0C6809B         Light purple           LIP         CX9858A6         H0347F4E         Light purple           MOGY         CX9BEB66         H0C89369         Moderate greenish yellow           VLIYG         CX9EEDA8         H078C680         Very light yellowish green           BIP         CXA03082         H0347194         Brilliant purple           BROWN         CXA0522D         H08A6790         Pale purple           VLIPB         CXA185A6         H0349528         Pale purple   | DAPPK          | CX995278  | H058754E  |        | Dark purplish pink            |
| DAYPK         CX99615C         H07D7A40         Dark yellowish pink           LIGRR         CX997078         H06D852A         Light grayish red           LIGRPR         CX997086         H058852A         Light purplish red           PARP         CX997092         H046852A         Pale reddish purple           DEOY         CX997A1F         H0A55CAA         Deep orange yellow           DAOY         CX998547         H0A5705D         Dark orange yellow           VIY         CX998547         H0A5705D         Dark orange yellow           VIIG         CX9985BC         H10CBF99         Very light green           YellowGreen         CX9ACD32         H0C6809B         H0C809B           LIP         CX9B58A6         H0347F4E         Light purple           MOGY         CX9DBF66         H0C89369         Moderate greenish yellow           VLIYG         CX9EEDA8         H0F8C6B0         Very light yellowish green           BIP         CXA0520B         H09650FF         Brown           Sienna         CXA0522D         H09650FF         Brown           Sienna         CXA0522D         H08A6790         Very light purplish blue           STY         CX33BF46         H024837C         Strong yellow <td>LIRP</td> <td>CX99528E</td> <td>H046754E</td> <td></td> <td>Light reddish purple</td>         | LIRP           | CX99528E  | H046754E  |        | Light reddish purple          |
| LIGRR         CX997078         H06D852A         Light grayish red           LIGRPR         CX997086         H058852A         Light purplish red           PARP         CX997092         H046852A         Pale reddish purple           DEOY         CX997A1F         H0A5705D         Dark orange yellow           DAOY         CX998547         H0A5705D         Dark orange yellow           VIY         CX9985BC         H0C26CC3         Vivid yellow           VLIG         CX99E5BC         H10CBF99         Very light green           YellowGreen         CX9B58A6         H0347F4E         Light purple           MOGY         CX9B58A6         H0347F4E         Light purple           MOGY         CX9DBF66         H0C89369         Moderate greenish yellow           VLIYG         CX9EEDA8         H0F8C6B0         Very light yellowish green           BIP         CXA030B2         H0347194         Brilliant purple           BROWN         CXA05000         H09650FF         Brown           Sienna         CXA0522D         H08A6790         PAP           PAP         CX185A6         H0349528         Pale purple           VLIPB         CX37AE5         H017B0AD         Very light purplish blue <tr< td=""><td>DAPK</td><td>CX995C67</td><td>H06D7A40</td><td></td><td></td></tr<>                          | DAPK           | CX995C67  | H06D7A40  |        |                               |
| LIGRPR         CX997086         H058852A         Light purplish red           PARP         CX997092         H046852A         Pale reddish purple           DEOY         CX997A1F         H0A55CAA         Deep orange yellow           DAOY         CX998547         H0A5705D         Dark orange yellow           VIY         CX9985B6         H0C26CC3         Vivid yellow           VLIG         CX99E5BC         H10CBF99         Very light green           YellowGreen         CX9ACD32         H0C6809B         Lip           LIP         CX9B58A6         H0347F4E         Light purple           MOGY         CX9BEDA8         H0F8C6B0         Very light perenish yellow           VLIYG         CX9EEDA8         H0F8C6B0         Very light yellowish green           BIP         CXA030B2         H0347194         Brilliant purple           BROWN         CXA05000         H09650FF         Brown           Sienna         CXA0522D         H08A6790         PAP           PAP         CX4185A6         H0349528         Pale purple           VLIPB         CXA37AE5         H017B0AD         Very light purplish blue           STY         CX38F46         H0C2837C         Strong yellow <td< td=""><td>DAYPK</td><td>CX99615C</td><td>H07D7A40</td><td></td><td>Dark yellowish pink</td></td<>                   | DAYPK          | CX99615C  | H07D7A40  |        | Dark yellowish pink           |
| PARP         CX997092         H046852A         Pale reddish purple           DEOY         CX997A1F         H0A55CAA         Deep orange yellow           DAOY         CX998547         H0A5705D         Dark orange yellow           VIY         CX99BF1A         H0C26CC3         Vivid yellow           VLIG         CX99E5BC         H10C8699B         Very light green           YellowGreen         CX9ACD32         H0C6809B         Light purple           MOGY         CX9BE566         H0C89369         Moderate greenish yellow           VLIYG         CX9EEDA8         H0F8C6B0         Very light yellowish green           BIP         CXA030B2         H0347194         Brilliant purple           BROWN         CXA05000         H09650FF         Brown           Sienna         CXA0522D         H08A6790         Pale purple           VLIPB         CXA37AE5         H017B0AD         Very light purplish blue           STY         CXA38F46         H0C2837C         Strong yellow           STO         CXA66921         H09863AA         Strong orange           MOO         CXA67D4D         H0987A5D         Moderate orange           LIYBR         CXA60418A         H0AA9822         Light grayish yellowish brown <td>LIGRR</td> <td>CX997078</td> <td>H06D852A</td> <td></td> <td>Light grayish red</td> | LIGRR          | CX997078  | H06D852A  |        | Light grayish red             |
| PARP         CX997092         H046852A         Pale reddish purple           DEOY         CX997A1F         H0A55CAA         Deep orange yellow           DAOY         CX998547         H0A5705D         Dark orange yellow           VIY         CX99B51A         H0C26CC3         Vivid yellow           VLIG         CX99E5BC         H10C8699B         Very light green           YellowGreen         CX9ACD32         H0C6809B         Light purple           MOGY         CX9B58A6         H0347F4E         Light purple           MOGY         CX9EEDA8         H0F8C6B0         Very light yellowish green           BIP         CXA030B2         H0347194         Brilliant purple           BROWN         CXA05000         H09650FF         Brown           Sienna         CXA0522D         H08A6790           PAP         CX4185A6         H0349528         Pale purple           VLIPB         CXA37AE5         H017B0AD         Very light purplish blue           STY         CXA38F46         H0C2837C         Strong yellow           Brown         CXA52A2A         H0786898         STrong orange           MOO         CXA67D4D         H0987A5D         Moderate orange           LIYBR         CXA6  | LIGRPR         | CX997086  | H058852A  |        | Light purplish red            |
| DAOY         CX998547         H0A5705D         Dark orange yellow           VIY         CX99BF1A         H0C26CC3         Vivid yellow           VLIG         CX99E5BC         H10CBF99         Very light green           YellowGreen         CX9ACD32         H0C6809B         LIP         Light purple           MOGY         CX9B58A6         H0347F4E         Light purple           MOGY         CX9DBF66         H0C89369         Moderate greenish yellow           VLIYG         CX9EEDA8         H0F8C6B0         Very light yellowish green           BIP         CX403082         H0347194         Brilliant purple           BROWN         CXA05000         H09650FF         Brown           Sienna         CXA0522D         H08A6790         Pale purple           VLIPB         CXA37AE5         H017B0AD         Very light purplish blue           STY         CXA3BF46         H0C2837C         Strong yellow           Brown         CXA52A2A         H0786898         Strong orange           MOO         CXA67D4D         H0987A5D         Moderate orange           LIYBR         CXA69F7A         H0AA9033         Light yellowish brown           LIGRYBR         CXA6418A         H0AA9032         Light greeni   | PARP           | CX997092  | H046852A  |        |                               |
| DAOY         CX998547         H0A5705D         Dark orange yellow           VIY         CX99BF1A         H0C26CC3         Vivid yellow           VLIG         CX99E5BC         H10CBF99         Very light green           YellowGreen         CX9ACD32         H0C6809B         LIP           LIP         CX9B58A6         H0347F4E         Light purple           MOGY         CX9DBF66         H0CB9369         Moderate greenish yellow           VLIYG         CX9EEDA8         H0F8C6B0         Very light yellowish green           BIP         CXA03082         H0347194         Brilliant purple           BROWN         CXA05000         H09650FF         Brown           Sienna         CXA0522D         H08A6790         Pale purple           VLIPB         CXA37AE5         H017B0AD         Very light purplish blue           STY         CXA3BF46         H0C2837C         Strong yellow           Brown         CXA52A2A         H0786898         Strong orange           MOO         CXA67D4D         H0987A5D         Moderate orange           LIYBR         CXA67P4D         H0987A5D         Moderate orange           LIGRYBR         CXA6A18A         H0AA9033         Light greenish yellowish brown   | DEOY           | CX997A1F  | H0A55CAA  |        | Deep orange yellow            |
| VIY         CX99BF1A         H0C26CC3         Vivid yellow           VLIG         CX99E5BC         H10CBF99         Very light green           YellowGreen         CX9ACD32         H0C6809B         LIP         CX9B58A6         H0347F4E         Light purple           MOGY         CX9BBF66         H0CB9369         Moderate greenish yellow           VLIYG         CX9EEDA8         H0F8C6B0         Very light yellowish green           BIP         CX030B2         H0347194         Brilliant purple           BROWN         CXA05000         H09650FF         Brown           Sienna         CXA0522D         H08A6790           PAP         CXA185A6         H0349528         Pale purple           VLIPB         CXA37AE5         H017B0AD         Very light purplish blue           STY         CXA3BF46         H0C2837C         Strong yellow           Brown         CXA52A2A         H0786898         Strong orange           MOO         CXA66921         H0987A5D         Moderate orange           LIYBR         CXA69F7A         H0AA9033         Light yellowish brown           LIGRYBR         CXA6418A         H0AA9822         Light grayish yellowish brown           LIGRYBR         CXA998F86         H0C   | DAOY           | CX998547  | H0A5705D  |        |                               |
| VLIG         CX99E5BC         H10CBF99         Very light green           YellowGreen         CX9ACD32         H0C6809B           LIP         CX9B58A6         H0347F4E         Light purple           MOGY         CX9BF66         H0C89369         Moderate greenish yellow           VLIYG         CX9EEDA8         H0F8C6B0         Very light yellowish green           BIP         CX4030B2         H0347194         Brilliant purple           BROWN         CX405000         H09650FF         Brown           Sienna         CXA0522D         H08A6790           PAP         CXA185A6         H0349528         Pale purple           VLIPB         CXA37AE5         H017B0AD         Very light purplish blue           STY         CXA3BF46         H0C2837C         Strong yellow           Brown         CXA6522A         H0786898         STO           STO         CXA66921         H09863AA         Strong orange           LIYBR         CXA697A         H0A849033         Light yellowish brown           LIGRYBR         CXA6418A         H0A9033         Light grayish yellowish brown           LIGRYBR         CXA6418A         H0A9342         Light grayish yellowish brown           DarkGray         CXA   | VIY            | CX99BF1A  | H0C26CC3  |        |                               |
| YellowGreen         CX9ACD32         H0C6809B           LIP         CX9B58A6         H0347F4E         Light purple           MOGY         CX9BBF66         H0C89369         Moderate greenish yellow           VLIYG         CX9EEDA8         H078C6B0         Very light yellowish green           BIP         CXA030B2         H0347194         Brilliant purple           BROWN         CXA05000         H09650FF         Brown           Sienna         CXA0522D         H08A6790           PAP         CXA185A6         H0349528         Pale purple           VLIPB         CXA37AE5         H017B0AD         Very light purplish blue           STY         CXA3BF46         H0C2837C         Strong yellow           Brown         CX452A2A         H0786898         STO         Strong orange           MOO         CXA66921         H09863AA         Strong orange           LIYBR         CXA6697A         H0AA9033         Light yellowish brown           LIGRYBR         CXA669F7A         H0AA9033         Light grayish yellowish brown           LIGRYBR         CXA648A         H0A949822         Light grayish yellowish brown           DarkGray         CXA998F86         H0CBA34F         Grayish greenish yellow  | VLIG           | CX99E5BC  | H10CBF99  |        | •                             |
| MOGY         CX9DBF66         H0CB9369         Moderate greenish yellow           VLIYG         CX9EEDA8         H0F8C6B0         Very light yellowish green           BIP         CXA030B2         H0347194         Brilliant purple           BROWN         CXA05000         H09650FF         Brown           Sienna         CXA0522D         H08A6790         Pale purple           PAP         CXA185A6         H0349528         Pale purple           VLIPB         CXA37AE5         H017B0AD         Very light purplish blue           STY         CXA3BF46         H0C2837C         Strong yellow           Brown         CXA52A2A         H0786898         Strong orange           STO         CXA66921         H09863AA         Strong orange           MOO         CXA6697A         H0A89033         Light yellowish brown           LIGRYBR         CXA6418A         H0AA9822         Light grayish yellowish brown           LIGRYBR         CXA99A9A9         H000A900         Grayish greenish yellow           MOY         CXA9BF86         H0CBA34F         Grayish greenish yellow           MOY         CXABBF66         H0C29369         Moderate yellow           VLIV         CXAC74D9         H02A9691         Very light   |                |           |           |        | ,                             |
| MOGY         CX9DBF66         H0CB9369         Moderate greenish yellow           VLIYG         CX9EEDA8         H0F8C6B0         Very light yellowish green           BIP         CXA030B2         H0347194         Brilliant purple           BROWN         CXA05000         H09650FF         Brown           Sienna         CXA0522D         H08A6790         Pale purple           PAP         CXA185A6         H0349528         Pale purple           VLIPB         CXA37AE5         H017B0AD         Very light purplish blue           STY         CXA3BF46         H0C2837C         Strong yellow           Brown         CXA52A2A         H0786898         Strong orange           STO         CXA66921         H09863AA         Strong orange           MOO         CXA6697A         H0A89033         Light yellowish brown           LIGRYBR         CXA6418A         H0AA9822         Light grayish yellowish brown           LIGRYBR         CXA99A9A9         H000A900         Grayish greenish yellow           MOY         CXA9BF86         H0CBA34F         Grayish greenish yellow           MOY         CXABBF66         H0C29369         Moderate yellow           VLIV         CXAC74D9         H02A9691         Very light   | LIP            | CX9B58A6  | H0347F4E  |        | Light purple                  |
| VLIYG         CX9EEDA8         H0F8C6B0         Very light yellowish green           BIP         CXA030B2         H0347194         Brilliant purple           BROWN         CXA05000         H09650FF         Brown           Sienna         CXA0522D         H08A6790           PAP         CXA185A6         H0349528         Pale purple           VLIPB         CXA37AE5         H017B0AD         Very light purplish blue           STY         CXA3BF46         H0C2837C         Strong yellow           Brown         CXA52A2A         H0786898         Strong orange           MOO         CXA66921         H09863AA         Strong orange           MOO         CXA6697A         H0A89033         Light yellowish brown           LIGRYBR         CXA6418A         H0AA9822         Light grayish yellowish brown           LIGRYGRY         CXA989A9         H000A900         Grayish greenish yellow           MOY         CXA9BF66         H0CB334F         Grayish greenish yellow           MOY         CXA0BBF66         H0C29369         Moderate yellow           VLIV         CXAC74D9         H022A691         Very light violet           LightBlue         CXADD8E6         H139CA88         H0CB97FF  |                |           |           |        | - , ,                         |
| BIP         CXA030B2         H0347194         Brilliant purple           BROWN         CXA05000         H09650FF         Brown           Sienna         CXA0522D         H08A6790         Pale purple           PAP         CXA185A6         H0349528         Pale purple           VLIPB         CXA37AE5         H017B0AD         Very light purplish blue           STY         CXA3BF46         H0C2837C         Strong yellow           Brown         CXA52A2A         H0786898         Strong orange           STO         CXA66921         H09863AA         Strong orange           MOO         CXA67D4D         H0987A5D         Moderate orange           LIYBR         CXA69F7A         H0AA9033         Light yellowish brown           LIGRYBR         CXA6A18A         H0AA9822         Light grayish yellowish brown           DarkGray         CXA99A9A         H00CB934F         Grayish greenish yellow           MOY         CXABBF66         H0C29369         Moderate yellow           VLIV         CXAC74D9         H022A691         Very light violet           LightBlue         CXADD8E6         H139CA88         GreenYellow         CXADF2F           VPAB         CXAEADD9         H001C35C         Very pale   |                |           |           |        |                               |
| BROWN         CXA05000         H09650FF         Brown           Sienna         CXA0522D         H08A6790           PAP         CXA185A6         H0349528         Pale purple           VLIPB         CXA37AE5         H017B0AD         Very light purplish blue           STY         CXA3BF46         H0C2837C         Strong yellow           Brown         CXA52A2A         H0786898           STO         CXA66921         H09863AA         Strong orange           MOO         CXA67D4D         H0987A5D         Moderate orange           LIYBR         CXA69F7A         H0AA9033         Light yellowish brown           LIGRYBR         CXA6A18A         H0AA9822         Light grayish yellowish brown           DarkGray         CXA9A9A9         H000A900         Grayish greenish yellow           MOY         CXA9BF86         H0CB334F         Grayish greenish yellow           VLIV         CXAC74D9         H022A691         Very light violet           LightBlue         CXADD8E6         H139CA88         GreenYellow         CXADF2F           VPAB         CXAEADD9         H001C35C         Very pale blue           BIGY         CXAEE554         H0CB9DBD         Brilliant greenish yellow   | BIP            | CXA030B2  | H0347194  |        | , , , ,                       |
| PAP         CXA185A6         H0349528         Pale purple           VLIPB         CXA37AE5         H017B0AD         Very light purplish blue           STY         CXA3BF46         H0C2837C         Strong yellow           Brown         CXA52A2A         H0786898         STO           STO         CXA66921         H09863AA         Strong orange           MOO         CXA67D4D         H0987A5D         Moderate orange           LIYBR         CXA69F7A         H0AA9033         Light yellowish brown           LIGRYBR         CXA6418A         H0AA9822         Light grayish yellowish brown           DarkGray         CXA949A9         H000A900         GRGY         Grayish greenish yellow           MOY         CXABBF66         H0C29369         Moderate yellow           VLIV         CXAC74D9         H022A691         Very light violet           LightBlue         CXADD8E6         H139CA88         Very Pale blue           GreenYellow         CXAEADD9         H001C35C         Very pale blue           BIGY         CXAEE554         H0CB9DBD         Brilliant greenish yellow   |                | CXA05000  | H09650FF  |        | , ,                           |
| VLIPB         CXA37AE5         H017B0AD         Very light purplish blue           STY         CXA3BF46         H0C2837C         Strong yellow           Brown         CXA52A2A         H0786898         Trong orange           STO         CXA66921         H09863AA         Strong orange           MOO         CXA67D4D         H0987A5D         Moderate orange           LIYBR         CXA69F7A         H0AA9033         Light yellowish brown           LIGRYBR         CXA6A18A         H0AA9822         Light grayish yellowish brown           DarkGray         CXA9A9A9         H000A900         Grayish greenish yellow           MOY         CXABF66         H0CBA34F         Grayish greenish yellow           VLIV         CXAC74D9         H022A691         Very light violet           LightBlue         CXADF2F         H0CB97FF           VPAB         CXAEADD9         H001C35C         Very pale blue           BIGY         CXAEE554         H0CB9DBD         Brilliant greenish yellow   | Sienna         | CXA0522D  | H08A6790  |        |                               |
| VLIPB         CXA37AE5         H017B0AD         Very light purplish blue           STY         CXA3BF46         H0C2837C         Strong yellow           Brown         CXA52A2A         H0786898         STO           STO         CXA66921         H09863AA         Strong orange           MOO         CXA67D4D         H0987A5D         Moderate orange           LIYBR         CXA69F7A         H0AA9033         Light yellowish brown           LIGRYBR         CXA6A18A         H0AA9822         Light grayish yellowish brown           DarkGray         CXA9A9A9         H000A900         GRGY         Grayish greenish yellow           MOY         CXABBF66         H0C29369         Moderate yellow           VLIV         CXAC74D9         H022A691         Very light violet           LightBlue         CXADD8E6         H139CA88         GreenYellow         CXADFF2F           VPAB         CXAEADD9         H001C35C         Very pale blue           BIGY         CXAEE554         H0CB9DBD         Brilliant greenish yellow  | PAP            | CXA185A6  | H0349528  |        | Pale purple                   |
| Brown         CXA52A2A         H0786898           STO         CXA66921         H09863AA         Strong orange           MOO         CXA67D4D         H0987A5D         Moderate orange           LIYBR         CXA69F7A         H0AA9033         Light yellowish brown           LIGRYBR         CXA6A18A         H0AA9822         Light grayish yellowish brown           DarkGray         CXA9A9A9         H000A900         Grayish greenish yellow           MOY         CXABBF66         H0CBA34F         Grayish greenish yellow           VLIV         CXAC74D9         H022A691         Very light violet           LightBlue         CXADD8E6         H139CA88           GreenYellow         CXADF2F         H0CB97FF           VPAB         CXAEADD9         H001C35C         Very pale blue           BIGY         CXAEE554         H0CB9DBD         Brilliant greenish yellow  | VLIPB          | CXA37AE5  | H017B0AD  |        | Very light purplish blue      |
| STO         CXA66921         H09863AA         Strong orange           MOO         CXA67D4D         H0987A5D         Moderate orange           LIYBR         CXA69F7A         H0AA9033         Light yellowish brown           LIGRYBR         CXA6A18A         H0AA9822         Light grayish yellowish brown           DarkGray         CXA9BA9A9         H000A900         GRGY         Grayish greenish yellow           MOY         CXABBF66         H0CB34FF         Grayish greenish yellow           VLIV         CXAC74D9         H0C29369         Moderate yellow           VLIV         CXAC74D9         H022A691         Very light violet           Light Blue         CXADD8E6         H139CA88         GreenYellow           GreenYellow         CXADF2F         H0CB97FF           VPAB         CXAEADD9         H001C35C         Very pale blue           BIGY         CXAEE554         H0CB9DBD         Brilliant greenish yellow  | STY            | CXA3BF46  | H0C2837C  |        | Strong yellow                 |
| MOO         CXA67D4D         H0987A5D         Moderate orange           LIYBR         CXA69F7A         H0AA9033         Light yellowish brown           LIGRYBR         CXA6A18A         H0AA9822         Light grayish yellowish brown           DarkGray         CXA9A9A9         H000A900         GRGY         Grayish greenish yellow           MOY         CXABBF66         H0CBA34F         Grayish greenish yellow           VLIV         CXAC74D9         H0C29369         Moderate yellow           VLIV         CXAC74D9         H022A691         Very light violet           Light Blue         CXADD8E6         H139CA88         GreenYellow           VPAB         CXADF2F         H0CB97FF           VPAB         CXAEADD9         H001C35C         Very pale blue           BIGY         CXAEE554         H0CB9DBD         Brilliant greenish yellow           PaleTurquiose         CXAFEEEE         H12CCFA6  | Brown          | CXA52A2A  | H0786898  |        |                               |
| LIYBR         CXA69F7A         H0AA9033         Light yellowish brown           LIGRYBR         CXA6A18A         H0AA9822         Light grayish yellowish brown           DarkGray         CXA9A9A9         H000A900         GRGY         Grayish greenish yellow           MOY         CXABBF66         H0CBA34F         Grayish greenish yellow           VLIV         CXAC74D9         H022A691         Very light violet           LightBlue         CXADD8E6         H139CA88         GreenYellow           GreenYellow         CXADF2F         H0CB97FF           VPAB         CXAEADD9         H001C35C         Very pale blue           BIGY         CXAEE554         H0CB9DBD         Brilliant greenish yellow           PaleTurquiose         CXAFEEEE         H12CCFA6   | STO            | CXA66921  | H09863AA  |        | Strong orange                 |
| LIYBR         CXA69F7A         H0AA9033         Light yellowish brown           LIGRYBR         CXA6A18A         H0AA9822         Light grayish yellowish brown           DarkGray         CXA9A9A9         H000A900         GRGY         Grayish greenish yellow           MOY         CXABBF66         H0CBA34F         Grayish greenish yellow           VLIV         CXAC74D9         H0C29369         Moderate yellow           VLIV         CXAC74D9         H022A691         Very light violet           Light Blue         CXADD8E6         H139CA88         GreenYellow           GreenYellow         CXADF2F         H0CB97FF           VPAB         CXAEADD9         H001C35C         Very pale blue           BIGY         CXAEE554         H0CB9DBD         Brilliant greenish yellow           PaleTurquiose         CXAFEEEE         H12CCFA6   | MOO            | CXA67D4D  | H0987A5D  |        | Moderate orange               |
| DarkGray         CXA9A9A9         H000A900           GRGY         CXA9BF86         H0CBA34F         Grayish greenish yellow           MOY         CXABBF66         H0C29369         Moderate yellow           VLIV         CXAC74D9         H022A691         Very light violet           LightBlue         CXADD8E6         H139CA88         GreenYellow         CXADFF2F         H0CB97FF           VPAB         CXAEADD9         H001C35C         Very pale blue           BIGY         CXAEE554         H0CB9DBD         Brilliant greenish yellow           PaleTurquiose         CXAFEEEE         H12CCFA6  | LIYBR          | CXA69F7A  | H0AA9033  |        | -                             |
| GRGY         CXA9BF86         H0CBA34F         Grayish greenish yellow           MOY         CXABBF66         H0C29369         Moderate yellow           VLIV         CXAC74D9         H022A691         Very light violet           LightBlue         CXADD8E6         H139CA88         GreenYellow         CXADFF2F           VPAB         CXAEADD9         H001C35C         Very pale blue           BIGY         CXAEE554         H0CB9DBD         Brilliant greenish yellow           PaleTurquiose         CXAFEEEE         H12CCFA6  | LIGRYBR        | CXA6A18A  | H0AA9822  |        | Light grayish yellowish brown |
| MOY         CXABBF66         H0C29369         Moderate yellow           VLIV         CXAC74D9         H022A691         Very light violet           LightBlue         CXADD8E6         H139CA88           GreenYellow         CXADFF2F         H0CB97FF           VPAB         CXAEADD9         H001C35C         Very pale blue           BIGY         CXAEE554         H0CB9DBD         Brilliant greenish yellow           PaleTurquiose         CXAFEEEE         H12CCFA6  | DarkGray       | CXA9A9A9  | H000A900  |        |                               |
| VLIV         CXAC74D9         H022A691         Very light violet           LightBlue         CXADD8E6         H139CA88           GreenYellow         CXADFF2F         H0CB97FF           VPAB         CXAEADD9         H001C35C         Very pale blue           BIGY         CXAEE554         H0CB9DBD         Brilliant greenish yellow           PaleTurquiose         CXAFEEEE         H12CCFA6  | GRGY           | CXA9BF86  | H0CBA34F  |        | Grayish greenish yellow       |
| LightBlue         CXADD8E6         H139CA88           GreenYellow         CXADFF2F         H0CB97FF           VPAB         CXAEADD9         H001C35C         Very pale blue           BIGY         CXAEE554         H0CB9DBD         Brilliant greenish yellow           PaleTurquiose         CXAFEEEE         H12CCFA6   | MOY            | CXABBF66  | H0C29369  |        | Moderate yellow               |
| GreenYellow         CXADFF2F         H0CB97FF           VPAB         CXAEADD9         H001C35C         Very pale blue           BIGY         CXAEE554         H0CB9DBD         Brilliant greenish yellow           PaleTurquiose         CXAFEEEE         H12CCFA6   | VLIV           | CXAC74D9  | H022A691  |        | Very light violet             |
| VPAB     CXAEADD9     H001C35C     Very pale blue       BIGY     CXAEE554     H0CB9DBD     Brilliant greenish yellow       PaleTurquiose     CXAFEEEE     H12CCFA6   | LightBlue      | CXADD8E6  | H139CA88  |        |                               |
| BIGY CXAEE554 H0CB9DBD Brilliant greenish yellow PaleTurquiose CXAFEEE H12CCFA6  | GreenYellow    | CXADFF2F  | H0CB97FF  |        |                               |
| PaleTurquiose CXAFEEE H12CCFA6   | VPAB           | CXAEADD9  | H001C35C  |        | Very pale blue                |
| PaleTurquiose CXAFEEEE H12CCFA6  | BIGY           | CXAEE554  | H0CB9DBD  |        | Brilliant greenish yellow     |
| VIOLET CXB090D0 H01EB067 Violet  | PaleTurquiose  | CXAFEEEE  | H12CCFA6  |        | •                             |
|  | VIOLET         | CXB090D0  | H01EB067  |        | Violet                        |
| LightSteelBlue CXB0C4DE H14EC769   | LightSteelBlue | CXB0C4DE  | H14EC769  |        |                               |
| PowerBlue CXB0E0E6 H131CB85  | PowerBlue      | CXB0E0E6  | H131CB85  |        |                               |
| LILG CXB1E599 H0DDBF99 Light yellow green  | LILG           | CXB1E599  | H0DDBF99  |        | Light yellow green            |

| Name            | RGB Value            | HLS Value            | Sample | Description             |
|-----------------|----------------------|----------------------|--------|-------------------------|
| FireBrick       | CXB22222             | H0786AAE             |        |                         |
| STPPK           | CXB2309E             | H0467194             |        | Strong purplish pink    |
| MOPPK           | CXB25FA5             | H046895A             |        | Moderate purplish pink  |
| VIO             | CXB26306             | H0985CEF             |        | Vivid orange            |
| GRPPK           | CXB28FA2             | H058A130             |        | Grayish purplish pink   |
| LIBGR           | CXB3B2BF             | H001B917             |        | Light bluish gray       |
| GRY             | CXB5BF93             | H0C2A942             |        | Grayish yellow          |
| DarkGoldenrod   | CXB8860B             | H0A362E3             |        |                         |
| MediumOrchid    | CXBA55D3             | H0319497             |        |                         |
| MOPK            | CXBA7C87             | H06D9B4F             |        | Moderate pink           |
| GRPK            | CXBA9BA1             | H06DAB2F             |        | Grayish pink            |
| MOOY            | CXBAA157             | H0A5896B             |        | Moderate orange yellow  |
| YGR             | CXBBBFAC             | H0C2B621             |        | Yellowish gray          |
| RosyBrown       | CXBC8F8F             | H078A641             |        | , enemen gray           |
| VPAG            | CXBCD9C5             | H103CA46             |        | Very pale green         |
| LIPGR           | CXBDB2BF             | H034B917             |        | Light purplish gray     |
| DarkKhaki       | CXBDB76B             | H0B09462             |        | Light parphon gray      |
| LIGY            | CXBDE57A             | H0CBB0AD             |        | Light greenish yellow   |
| MOYPK           | CXBF8580             | H07D9F55             |        | Moderate yellowish pink |
| VIOY            | CXBF9106             | H0A563EF             |        | Vivid orange yellow     |
| STOY            | CXBF9926             | H0A573AA             |        | Strong orange yellow    |
| GRYPK           | CXBFA5A2             | H07DB130             |        | Grayish yellowish pink  |
| PKGR            | CXBFB2B5             | H06DB917             |        | Pinkish gray            |
| BRPK            | CXBFB9A6             | H0A5B22A             |        | Brownish pink           |
| LIGGR           | CXBFBFBF             | H0F8BF01             |        | Light greenish gray     |
| VPAPB           | CXC0A8E5             | H017C78B             |        | Very pale purplish blue |
| Silver          | CXC0C0C0             | H000C000             |        | very pare parphett stae |
| LIME            | CXC0FF81             | H0D2C0FF             |        | Lime                    |
| BIY             | CXC6E55C             | H0C2A1BA             |        | Brilliant yellow        |
| MediumVioletRed | CXC71585             | H0516ECF             |        | Brillian yollow         |
| VLIP            | CXCB74D9             | H034A691             |        | Very light purple       |
| VPAV            | CXCBA8E5             | H022C78B             |        | Very pale violet        |
| PAGY            | CXCBE5A1             | H0CBC392             |        | Pale greenish yellow    |
| VIPK            | CXCC1B3B             | H06D74C3             |        | Vivid pink              |
| VIYPK           | CXCC2B1B             | H07D74C3             |        | Vivid yellowish pink    |
| STYPK           | CXCC5D52             | H07D8F8B             |        | Strong yellowish pink   |
| IndianRed       | CXCD5C5C             | H0789588             |        | Strong yellowish pilik  |
| Peru            | CXCD853F             | H0958696             |        |                         |
| LIY             | CXCD653F<br>CXCDE57A | H0C2B0AD             |        | Light yellow            |
| PALG            | CXD1E5C7             | H0DDD660             |        | Pale yellow green       |
| Chocolate       | CXD2691E             | H09078C0             |        | i ale yellow green      |
| Tan             | CXD2691E<br>CXD2B48C | H09078C0<br>H09AAF70 |        |                         |
| vean<br>VPAP    | CXD2B48C<br>CXD3ADD9 | H034C35C             |        | Vary pala purpla        |
|                 | CXD3ADD9<br>CXD3D3D3 | H000D300             |        | Very pale purple        |
| LightGrey       |                      |                      |        |                         |
| Thistle         | CXD8BFD8             | H03BCC3E             |        | Delliant numlish mint   |
| BIPPK           | CXD93ABF             | H04689AC             |        | Brilliant purplish pink |
| STPK            | CXD9576E             | H06D98A1             |        | Strong pink             |

| Name                | RGB Value  | HLS Value | Sample | Description             |
|---------------------|------------|-----------|--------|-------------------------|
| LIPPK               | CXD974C9   | H046A691  |        | Light purplish pink     |
| BIO                 | CXD9892B   | H09882B1  |        | Brilliant orange        |
| LIO                 | CXD9A465   | H0989F99  |        | Light orange            |
| PAY                 | CXD9E5B0   | H0C2CB83  |        | Pale yellow             |
| Orchid              | CXDA70D6   | H03DA597  |        |                         |
| Goldenrod           | CXDAA520   | H0A37DBE  |        |                         |
| PaleVioletRed       | CXDB7093   | H065A699  |        |                         |
| Crimson             | CXDC143C   | H06D78D5  |        |                         |
| Gainsboro           | CXDCDCDC   | H000DC00  |        |                         |
| Plum                | CXDDA0DD   | H03BBF79  |        |                         |
| Burlywood           | CXDEB887   | H09AB391  |        |                         |
| BWH                 | CXDEDDED   | H001E54E  |        | Bluish white            |
| LILAC               | CXE06090   | H062A0AC  |        | Lilac                   |
| TAN                 | CXE0A860   | H09AA0AC  |        | Tan                     |
| LightCyan           | CXE0FFFF   | H12CF0FF  |        |                         |
| LIPK                | CXE599A7   | H06DBF99  |        | Light pink              |
| LIYPK               | CXE5A099   | H07DBF99  |        | Light yellowish pink    |
| BIOY                | CXE5B82E   | H0A58AC8  |        | Brilliant orange yellow |
| PAPPK               | CXE5B8D0   | H058CF79  |        | Pale purplish pink      |
| PAPK                | CXE5BFC6   | H06DD26D  |        | Pale pink               |
| PAYPK               | CXE5C5C2   | H07DD468  |        | Pale yellowish pink     |
| LIOY                | CXE5C76B   | H0A5A8B4  |        | Light orange yellow     |
| PAOY                | CXE5D4A1   | H0A5C392  |        | Pale orange yellow      |
| Lavender            | CXE6E6FA   | H000F0AA  |        | 5 ,                     |
| CREAM               | CXE8D898   | H0A8C0A2  |        | Cream                   |
| YWH                 | CXE8EDD5   | H0C2E166  |        | Yellowish white         |
| DarkSalmon          | CXE9967A   | H086B2B7  |        |                         |
| PWH                 | CXEBDDED   | H034E54E  |        | Purplish white          |
| GWH                 | CXECEDEC   | H0F8ED06  |        | Greenish white          |
| PKWH                | CXEDDDE0   | H06DE54E  |        | Pinkish white           |
| Violet              | CXEE82EE   | H03BB8C2  |        |                         |
| PaleGoldenrod       | CXEEE8AA   | H0AFCCAA  |        |                         |
| LightCoral          | CXF08080   | H078B8CA  |        |                         |
| Khaki               | CXF0E68C   | H0AEBEC5  |        |                         |
| AliceBlue           | CXF0F8FF   | H147F8FF  |        |                         |
| Honeydew            | CXF0FFF0   | H0EFF8FF  |        |                         |
| Azure               | CXF0FFFF   | H12CF8FF  |        |                         |
| SandyBrown          | CXF4A460   | H093AADE  |        |                         |
| Wheat               | CXF5DEB3   | H09FD4C4  |        |                         |
| Beige               | CXF5F5DC   | H0B4E98E  |        |                         |
| WhiteSmoke          | CXF5F5F5   | H000F500  |        |                         |
| MintCream           | CXF5FFFA   | H10EFAFF  |        |                         |
| GhostWhite          | CXF8F8FF   | H000FCFF  |        |                         |
| Salmon              | CXFA8072   | H07DB6EE  |        |                         |
| AntiqueWhite        | CXFAEBD7   | H09AE9C7  |        |                         |
| Linen               | CXFAF0E6   | H096F0AA  |        |                         |
| LightGoldenrodYello | w CXFAFAD2 | H0B4E6CC  |        |                         |

| Name           | RGB Value | HLS Value | Sample | Description |
|----------------|-----------|-----------|--------|-------------|
| Oldlace        | CXFDF5E6  | H09FF2DA  |        |             |
| RED            | CXFF0000  | H07880FF  |        | Red         |
| SALMON         | CXFF0055  | H06480FF  |        | Salmon      |
| PINK           | CXFF0080  | H05980FF  |        | Pink        |
| MAGENTA        | CXFF00FF  | H03C80FF  |        | Magenta     |
| DeepPink       | CXFF1493  | H0578AFF  |        |             |
| OrangeRed      | CXFF4500  | H08780FF  |        |             |
| ROSE           | CXFF6060  | H078B0FF  |        | Rose        |
| Tomato         | CXFF6347  | H080A3FF  |        |             |
| HotPink        | CXFF69B4  | H059B4FF  |        |             |
| Coral          | CXFF7F50  | H087A8FF  |        |             |
| ORANGE         | CXFF8000  | H09680FF  |        | Orange      |
| DarkOrange     | CXFF8C00  | H09980FF  |        |             |
| LightSalmon    | CXFFA07A  | H088BDFF  |        |             |
| Orange         | CXFFA500  | H09F80FF  |        |             |
| GOLD           | CXFFAA00  | H0A080FF  |        | Gold        |
| LightPink      | CXFFB6C1  | H06FDBFF  |        |             |
| Pink           | CXFFC0CB  | H06EE0FF  |        |             |
| Gold           | CXFFD700  | H0AB80FF  |        |             |
| Peachpuff      | CXFFDAB9  | H094DCFF  |        |             |
| NavajoWhite    | CXFFDEAD  | H09CD6FF  |        |             |
| Moccasin       | CXFFE4B5  | H09EDAFF  |        |             |
| Bisque         | CXFFE4C4  | H098E2FF  |        |             |
| MistyRose      | CXFFE4E1  | H07DF0FF  |        |             |
| BlanchedAlmond | CXFFEBCD  | H09CE6FF  |        |             |
| PapayaWhip     | CXFFEFD5  | H09DEAFF  |        |             |
| LavenderBlush  | CXFFF0F5  | H064F8FF  |        |             |
| Seashell       | CXFFF5EE  | H090F7FF  |        |             |
| Cornsilk       | CXFFF8DC  | H0A9EEFF  |        |             |
| LemonChiffon   | CXFFFACD  | H0AEE6FF  |        |             |
| FloralWhite    | CXFFFAF0  | H0A0F8FF  |        |             |
| Snow           | CXFFFAFA  | H078FDFF  |        |             |
| YELLOW         | CXFFFF00  | H0B480FF  |        | Yellow      |
| LightYellow    | CXFFFFE0  | H0B4F0FF  |        |             |
| Ivory          | CXFFFFF0  | H0B4F8FF  |        |             |
| WHITE          | CXFFFFFF  | H000FF00  |        | White       |