



Application Note: 4D-AN-1004

4DGL Colour CONSTANTS

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Description

This Application Note is dedicated to providing an easy reference to various Colour CONSTANTS available within the 4DGL language. In order to utilise this Application Note, the following items are needed:

- Any 4D GFX Screen Module
- 4D Programming Cable
- 4DWorkshop3 IDE

Application Overview

Throughout 4D documentation, there are listings of various specialised internal functions for given processors. This application note is designed to assist the user, by presenting them with the various Colour Constant values possible. This will allow the user to get the most out of their module when creating graphics requiring a vibrant display of colours.



Setup Procedure

Firstly, you will need to download the 4DWorkshop3 IDE environment. This is where the end user application is developed and can be found from the 4D Systems website below:

http://www.4dsystems.com.au/prod.php?id=111

Simulation Procedure

Locating Colour Constant Values

In addition to using this reference Manual Application Note, it should be noted where these Colour CONSTANTS are sourced from. In any given 4DGL program, there may be one or more include files that are inherited into the code. This is because these files contain critical values and functions needed to successfully run certain applications. The Colour CONSTANTS are sourced from the following include file and is inherited at the beginning of the application;

#inherit "4DGL 16bitColours.fnc"

When 4DWorkshop3 IDE is installed, this include file is installed as an fnc file into the same directory as the application program. Thus, the first way of accessing this list, is simply by opening it using a word processor. The alternative way is to right click on the fnc file as seen above, from within 4DWorkshop3 IDE. A dropdown list will appear. Select the first option; 'Open file at Cursor'. The following snapshots illustrate this point.

```
Workshop 3
File Edit Tools Options About
                                                                    → Download
                                                                                        Ram Flash
Compile Platform uLCD-32PT_GFX2
runDemos 4DGL_16bitColours.fnc
        #platform "uLCD-32PT GFX2
        * Created: 2008/11/06
         NB:- This program must be written to flash so
        #inherit "4DGL 16bit
                                Open file at Cursor
                                                  Ctrl+Alt+O
         //#inherit "FONT4.f
                                Undo
                                                     Ctrl+Z
        #MODE RUNFLASH
                                Redo
                                                     Ctrl+Y
        #STACK 800
                                                              for main prog and called functions
                                                     Ctrl+C
                                Сору
                                Cut
                                                     Ctrl+X
                                Paste
                                                     Ctrl+V
      #CONST
            WINDOW COLOR
                                Select All
                                                     Ctrl+A
            TITLEBAR COLOR
            TITLETXT_COLOR
                                Find func Definition
                                                       F12
            STATUSBAR COLOR
                                YELLOW
            STATUSTXT COLOR
  32
33
          local global variables
        var D:
                                                 // (we keep 2 copies so we can test for a state -
        var tempstr[20];
                                                   general purpose string, 40 bytes
```

```
Workshop 3
File Edit Tools
              Options About
                       4DGL_16bitColours.fnc
runDemos
            16 bit RGB (565) Colour Chart
            Original work by 4D Forum Member: skadoo
   6
   8
      #CONST
          ALICEBLUE
                           0xF7DF
          ANTIQUEWHITE
  11
  12
          AQUAMARINE
  13
          AZURE
  14
          BEIGE
                       0xF7BB
  15
          BISQUE
                        0xFF38
  16
          BLACK
          BLANCHEDALMOND 0xFF59
  17
  18
          BLUE
          BLUEVIOLET
  19
  20
                        0xA145
          BROWN
  21
          BURLYWOOD
  22
          CADETBLUE
                       0x5CF4
  23
          CHARTREUSE
  24
          CHOCOLATE
                        0xD343
  25
          CORAL
                        0xFBEA
  26
          CORNFLOWERBLUE
                             0x64BD
  27
          CORNSILK
                           0xFFDB
  28
          CRIMSON
  29
          CYAN
  30
          DARKBLUE
                           0x0011
  31
          DARKCYAN
                           0x0451
          DARKGOLDENROD
  33
          DARKGRAY
  34
          DARKGREEN
  35
          DARKKHAKI
  36
          DARKMAGENTA
  37
          DARKOLIVEGREEN
                             0x5345
  38
                         0xFC60
          DARKORANGE
  39
          DARKORCHID
  40
          DARKRED
  41
          DARKSALMON
  42
          DARKSEAGREEN
                           0x8DF1
  43
          DARKSLATEBLUE
          DARKSLATEGRAY
```

Colour Constants

Listed below is a list of all Colour CONSTANTS available for use within the 4DGL language.

ANTIQUEWHITE	Colour	CONSTANT	Colour	CONSTANT	Colour	CONSTANT
AQUA 0x07FF GOLDENROD 0xD24 OLIVE 0x8400 AQUAMARINE 0x7FFA GRAY 0x8410 OLIVEDRAB 0x6C64 AZUNE 0x7FFF GREEN 0x000 ORANGE 0x6D20 BEIGE 0x7F3B GREENYELLOW 0x4F55 ORANGERED 0x6A20 BISQUE 0xF78B HONEYDEW 0xF7FE ORCHID 0x0B9A BLACK 0x0000 HOTPINK 0xF856 PALEGOLDENROD 0x6EF55 BLACK 0x0000 HOTPINK 0xF856 PALEGREEN 0x9FD3 BLUE 0x001F INDIGO 0x4810 PALETURQUOISE 0x4F7D BLUE IO 0x001F INDIGO 0x4810 PAPAYAWHIP 0x4F7D BULEVIOLET 0x895C IVORY 0xFFFE PALETURQUOISE 0xAF7D BULEVIVOOD 0x4D40 LAVENDER 0x5731 PAPAYAWHIP 0xFE2D CADETBLUE 0x5C54 LAVENDERBLUS 0xFF02 PINK 0xC227 CHARTEUS<	ALICEBLUE	0xF7DF	GHOSTWHITE	0xFFDF	NAVY	0x0010
AQUAMARINE 0x7FFA GRAY 0x8410 OLIVEDRAB 0x6C64 AZURE 0xF7FB GREEN 0x0400 ORANGE 0xFD20 BEGIG 0xF7FB GREENYELLOW 0xAFES ORANGERD 0xF20 BISQUE 0xF78B HONEYDEW 0xF7FE ORCHID 0xD89A BLACK 0x0000 HOTPINK 0xF656 PALEGOLERROD 0xF855 BLACK 0x0001 HOTPINK 0xF656 PALEGOLERROD 0xF855 BLACK 0x0001 HOTPINK 0xF656 PALEGOLERROD 0xF87D BLUE 0x001F INDIGO 0x4810 PALETURQUOISE 0xAF7D BLUEVIOLET 0x895C IVORY 0xFFFE PALETURQUOISE 0xAF7D BLUEVIOLET 0x3415 KHAKI 0xF73F PEACHPUFF 0xAF7D BLUEVIOLOT 0x5CF4 LAVENDER 0xF23F PEACHPUFF 0xFED7 CADETBLUE 0x5CF4 LAVENDERBLUSH 0xF99E PERU 0xCC27 C	ANTIQUEWHITE	0XFF5A	GOLD	0xFEA0	OLDLACE	0xFFBC
AZURE 0XF7FF GREEN 0x0400 ORANGE 0xFD20 BEIGE 0XF7BB GREENYELLOW 0xAFE5 ORANGERED 0xFA20 BEIGUE 0XF7BB GREENYELLOW 0xAFE5 ORANGERED 0xFA20 BISQUE 0XF7BB HONEYDEW 0xFFFE ORCHID 0xD89A BLACK 0x0000 HOTPINK 0xFB56 PALEGOLDENROD 0xEF55 BLANCHEDALMOND 0XFF59 INDIANRED 0xCAEB PALEGREEN 0x9FD3 BLUE 0x001F INDIGO 0x4810 PALETURQUOISE 0xAF7D BLUEVIOLET 0x895C IVORY 0xFFFE PALEVIOLETRED 0xD892 BROWN 0xA145 KHAKI 0xF731 PAPAYAWHIP 0xFFD BURLYWOOD 0xDDD LAVENDER 0xE73F PECATPUF 0xFED7 CADETBULE 0x5CF4 LAVENDERBLUSH 0xF99E PERU 0xC227 CADETBULE 0x5CF4 LAVENDERBLUSH 0xF99E PERU 0xC227 CHARTREUSE 0x7F60 LAWNGREEN 0xF9FE PINK 0xFED9 CHOCOLATE 0xD843 LEMONCHIFFON 0xFFD9 PINK 0xFED9 CORNAL 0xFB6A LIGHTBUE 0xAEDC POWDERBLUE 0xB37C CORNILL 0xFB6A LIGHTBUE 0xAEDC POWDERBLUE 0xB30C CORNILL 0xFD8A LIGHTGOLD 0xFFD9 PIPUE 0xB010 CORNILL 0xFD8A LIGHTGOLD 0xFFD9 PIPUE 0xB010 CORNILL 0xOADA7 LIGHTGOLD 0xFFDA ROSYBROWN 0xB021 CORNILL 0x007F LIGHTGOLD 0xFFDA ROSYBROWN 0xB022 DARKCVAN 0x007F LIGHTGEREN 0x9772 ROYALBULE 0x435C DARKGLUE 0x0011 LIGHTGREY 0xD69A SADDLERROWN 0xB022 DARKCVAN 0x0451 LIGHTSIAMON 0xFD9B SALMON 0xFC0E DARKGOLDENROD 0xB21 LIGHTSIAMON 0xFD0F SANDYBROWN 0xB22 DARKGNEEN 0x03D5 LIGHTSIAMON 0xFD0F SANDYBROWN 0xB22 DARKGNEEN 0x03D5 LIGHTSIAMON 0xFD0F SANDYBROWN 0xF5C2 DARKGNEEN 0x53S5 LIGHTYELLOW 0xFF0F SASHELL 0xF6D0 DARKGNEEN 0x5SD5 L	AQUA	0x07FF	GOLDENROD	0xDD24	OLIVE	0x8400
BEIGE 0XF7BB GREENYELLOW 0xAFES ORANGERED 0xFA20 BISQUE 0XF9BB HONEYDEW 0xF7FE ORCHID 0x0899A BLACK 0x0000 HOTPINK 0xF856 PALEGOLDENROD 0xF5FS BLUE 0x001F INDIGO 0x4810 PALEGREEN 0x9FD3 BLUE 0x001F INDIGO 0x4810 PALEGREEN 0x9FD3 BLUEVIOLET 0x8955 IVORY 0xFFFE PALEVIOLETRED 0xD892 BROWN 0xA145 KHAKI 0xF731 PAPAYAWHIP 0xFF7A BURLYWOOD 0xDDDO LAVENDER 0xE737 PEACHPUFF 0xFED7 CHARTREUSE 0x7FE0 LAWNGREEN 0xFF69 PERU 0xCC27 CHARTREUSE 0x7FE0 LAWNGREEN 0xFF69 PERU 0xCC27 CHARTREUSE 0x7FE0 LAWNGREEN 0xFF69 PLUM 0xDD1B CHOCOLATE 0xD343 LEGHTGLE 0xF60 PURPLE 0x8010 CORNILL </td <td>AQUAMARINE</td> <td>0x7FFA</td> <td>GRAY</td> <td>0x8410</td> <td>OLIVEDRAB</td> <td>0x6C64</td>	AQUAMARINE	0x7FFA	GRAY	0x8410	OLIVEDRAB	0x6C64
BISQUE 0XFF38 HONEYDEW 0xF7FE ORCHID 0xD89A BLACK 0x0000 HOTPINK 0xF856 PALEGOLDENROD 0xFF55 BLANCHEDALMOND 0XFF59 INDIGO 0x4810 PALEGOLDENROD 0xFF7D BLUE 0x001F INDIGO 0x4810 PALETURQUOISE 0xAF7D BLUE VIOLET 0x895C IVORY 0xFFFE PALEVIOLETRED 0x0892 BROWN 0xA145 KHAKI 0xF731 PAPAYAWHIP 0xFF7A BURLYWOOD 0xDDDD LAVENDERBIUSH 0xF9E PERU 0xCC27 CAPETBUE 0x5CF4 LAVENDERBIUSH 0xFP9E PERU 0xCC27 CAPARTEUSE 0x7FE0 LAWNGREEN 0xFFD9 PLUM 0xCC27 CHARTEUSE 0x7FE0 LAWNGREEN 0xFFD9 PLUM 0xD18 CORNIL OXFBEA LIGHTBLUE 0xAEDC POWDERBLUE 0x817C CORNFLOWERLU 0x648D LIGHTSLUE 0xAEDC POWDERBLUE 0x817C	AZURE	0XF7FF	GREEN	0x0400	ORANGE	0xFD20
BLACK 0x0000 HOTPINK 0xF856 PALEGOLDENROD 0xF555 BLANCHEDALMOND 0XFF59 INDIANRED 0xCAEB PALEGREEN 0x9F93 BLUE 0x001F INDIGO 0x4810 PALETURQUOISE 0xAF75 BLUEVIOLET 0x895C IVORY 0xFFFE PALEVIOLETRED 0xD892 BROWN 0x4145 KHAKI 0xF731 PAPAYAWHIP 0xFF7A BURLYWOOD 0xDDD0 LAVENDER 0xF73F PAPAYAWHIP 0xFFD7 CADETBLUE 0x5CF4 LAVENDERBLUSH 0xFF9E PERU 0xCC27 CHARTREUSE 0x7FE0 LAWNGREEN 0x7FE0 PINK 0xFE19 COROLATE 0xB4BA LIGHTGNAL 0xFED9 PLUM 0xD118 CORNILL 0xF6BA LIGHTGNAL 0xF410 PURPLE 0x8010 CORNSILK 0xF5DB LIGHTCORAL 0xF410 PURPLE 0x8010 CORNSILK 0xF60B LIGHTGNAL 0xF5DA ROSYBROWN 0x8C71 <tr< td=""><td>BEIGE</td><td>0XF7BB</td><td>GREENYELLOW</td><td>0xAFE5</td><td>ORANGERED</td><td>0xFA20</td></tr<>	BEIGE	0XF7BB	GREENYELLOW	0xAFE5	ORANGERED	0xFA20
BLANCHEDALMOND OXFF59 INDIANRED OXCAEB PALEGREEN 0x9FD3 BLUE 0x001F INDIGO 0x4810 PALETURQUOISE 0xAF7D BLUEVIOLET 0x895C IVORY 0xFFFE PALEVIOLETRED 0xD892 BROWN 0xA415 KHAKI 0xF731 PAPAYAWHIP 0xFF7A BURLYWOOD 0xDDD0 LAVENDERBUSH 0xF79E PERU 0xCC27 CADETBLUE 0x5CF4 LAVENDERBLUSH 0xFF9E PERU 0xCC27 CHARTREUSE 0x7F60 LAWNGREEN 0x7F60 PINK 0xFE19 CHOCOLATE 0x343 LEMONCHIFFON 0xFF09 PLUM 0xDD18 CORAL 0xFBEA LIGHTGERAL 0xFF09 PLUM 0xB17C CORNILOWERBLUE 0x648D LIGHTCYAN 0xE7FF RED 0x88010 CORNSILK 0xFFDB LIGHTCYAN 0xE7FDA ROSYBROWN 0xBC71 CORNSILK 0xF0DB LIGHTGEREN 0x9772 ROYALBUE 0x4802	BISQUE	0XFF38	HONEYDEW	0xF7FE	ORCHID	0xDB9A
BLUE 0x001F INDIGO 0x4810 PALETURQUOISE 0xAF7D BLUEVIOLET 0x895C IVORY 0xFFFE PALEVIOLETRED 0xB092 BROWN 0xA145 KHAKI 0xF731 PAPAYAWHIP 0xFF7A BURLYWOOD 0xDDD0 LAVENDER 0xF37 PEACHPUFF 0xFE07 CADETBLUE 0x5CF4 LAVENDERBLUSH 0xF9E PERU 0xCC27 CHARTREUSE 0xF7E0 LAWNOREEN 0xFF09 PIUM 0xDD18 CORAL 0x5BEA LIGHTSUE 0xAEDC POWDERBLUE 0xB17C CORNICATE 0x343 LEMONCHIFFON 0xFF09 PIUM 0xD17C CORNICATE 0x548D LIGHTCAN 0xF410 PURPLE 0x8010 CORNILL 0x64BD LIGHTCAN 0xF7FR RED 0x8010 CRIMSON 0x08A7 LIGHTGORL 0xFF0A ROSYBROWN 0x8C71 CYAN 0x07FF LIGHTGREEN 0x9772 ROYALBLUE 0x435C DAR	BLACK	0x0000	HOTPINK	0xFB56	PALEGOLDENROD	0xEF55
BLUEVIOLET 0x895C IVORY 0xFFFE PALEVIOLETRED 0xD892 BROWN 0xA145 KHAKI 0xF731 PAPAYAWHIP 0xFF7A BROWN 0xDDD0 LAVENDER 0xF37F PEACHPUFF 0xFED7 CADETBLUE 0xSCF4 LAVENDERBLUSH 0xFF9E PERU 0xCC27 CHARTREUSE 0x7FE0 LAWNGREEN 0xFFD9 PIUM 0xDD18 CHOCOLATE 0x0343 LEMONCHIFFON 0xFFD9 PIUM 0xDD18 CHOCOLATE 0x0343 LEMONCHIFFON 0xFFD9 PLUM 0xBD18 CHOCOLATE 0x0484 LIGHTEBLUE 0xABED POWDERBLUE 0xB17C CORNALIS 0x64BD LIGHTCORAL 0xF410 PURPLE 0x8010 CORNSILK 0xFFDB LIGHTGOLD 0xFFDA ROSYBROWN 0x8671 CYAN 0x07FF LIGHTGREEN 0x9772 ROYALBUE 0x355 DARKGALUE 0x0011 LIGHTGREEN 0x9772 ROYALBUE 0x3622	BLANCHEDALMOND	0XFF59	INDIANRED	0xCAEB	PALEGREEN	0x9FD3
BROWN 0xA145 KHAKI 0xF731 PAPAYAWHIP 0xF77A BURLYWOOD 0xDDDD LAVENDER 0xE73F PEACHPUFF 0xFED7 CADETBLUE 0x5CF4 LAVENDERBLUSH 0xFF9E PERU 0xCC27 CHARTREUSE 0x7FE0 LAWNGREEN 0x7FED PINK 0xFE19 CHOCOLATE 0xD343 LEMONCHIFFON 0xFED9 PLUM 0xDD1B CORAL 0xFBEA LIGHTBLUE 0xAEDC POWDERBLUE 0x817C CORNILOWERBLUE 0x64BD LIGHTCYAN 0xFFD8 PRED 0xF800 CRIMSON 0xD8A7 LIGHTGOLD 0xFFDA ROSYBROWN 0xBC71 CYAN 0x07FF LIGHTGREN 0x9772 ROYALBLUE 0x435C DARKGLUE 0x0011 LIGHTGREN 0x9772 ROYALBUE 0x435C DARKGREY 0x0451 LIGHTGREN 0xFDDF SANDYBROWN 0x8622 DARKGREY 0x0451 LIGHTSALMON 0xFDDF SANDYBROWN 0x552C <	BLUE	0x001F	INDIGO	0x4810	PALETURQUOISE	0xAF7D
BURLYWOOD OXDDDO LAVENDER 0xE73F PEACHPUFF 0xFED7 CADETBLUE 0x5CF4 LAVENDERBLUSH 0xFF9E PERU 0xCC27 CHOCOLATE 0xD343 LEMONCHIFFON 0xFF9D PINK 0xF19 CHOCOLATE 0xD343 LEMONCHIFFON 0xFF0D PUNM 0xD18 CORNICOVERBLUE 0x64BD LIGHTCORAL 0xF410 PURPLE 0x8010 CORNSILK 0xFFDB LIGHTCORAL 0xF410 PURPLE 0x800 CRINISON 0xD8A7 LIGHTGOLD 0xFFDA ROSYBROWN 0x8C71 CYAN 0x07FF LIGHTGREEN 0x9772 ROYALBUE 0x435C DARKGLUE 0x0011 LIGHTGREY 0x069A SADDLEBROWN 0x8222 DARKCYAN 0x0451 LIGHTSHINK 0xFDGP SANDYBROWN 0xF52C DARKGREY 0x0521 LIGHTSLAGREEN 0x2595 SEAGREEN 0x2C4A DARKGREEN 0x0320 LIGHTSKYBLUE 0x867F SEASHELL 0xF6DD	BLUEVIOLET	0x895C	IVORY	0xFFFE	PALEVIOLETRED	0xDB92
CADETBLUE 0x5CF4 LAVENDERBLUSH 0xFF9E PERU 0xCC27 CHARTREUSE 0x7FE0 LAWNGREEN 0x7FE0 PINK 0xFE19 CHOCOLATE 0xD343 LEMONCHIFFON 0xFED9 PLUM 0xDD1B CORAL 0xFBEA LIGHTGUE 0xAEDC POWDERBLUE 0xB17C CORNFLOWERBLUE 0x64BD LIGHTCORAL 0xF410 PURPLE 0x8010 CORNSILK 0xFFDB LIGHTCVAN 0xE7FF RED 0xF800 CORNSILK 0xFDBB LIGHTGOLD 0xFDAB ROSYBROWN 0xBC71 CYAN 0x07FF LIGHTGREEN 0x977Z ROYALBULE 0x435C DARKGHUE 0x0011 LIGHTGREY 0xD69A SADDLEBROWN 0x8622 DARKGRUAN 0x0451 LIGHTSLAMON 0xFDBB SALMON 0xFC0E DARKGREY 0x04055 LIGHTSLAMON 0xFDBB SALMON 0xFC0E DARKGREY 0x0320 LIGHTSLATEGREY 0x2695 SEAGREEN 0x224A <td>BROWN</td> <td>0xA145</td> <td>KHAKI</td> <td>0xF731</td> <td>PAPAYAWHIP</td> <td>0xFF7A</td>	BROWN	0xA145	KHAKI	0xF731	PAPAYAWHIP	0xFF7A
CHARTREUSE 0x7FE0 LAWNGREEN 0x7FE0 PINK 0xFE19 CHOCOLATE 0x343 LEMONCHIFFON 0xFED9 PLUM 0xD1B CORAL 0x5BEA LIGHTBLUE 0xAEDC POWDERBLUE 0xB17C CORNFLOWERBLUE 0x64BD LIGHTCORAL 0xF410 PURPLE 0x8010 CORNSILK 0xFFDB LIGHTCORAL 0xF410 PURPLE 0x8010 CORNSILK 0xFFDB LIGHTGOLD 0xFFDA ROSYBROWN 0x8071 CYAN 0x087F LIGHTGREEN 0x9772 ROYALBLUE 0x4335 DARKKBLUE 0x0011 LIGHTGREEN 0x9772 ROYALBLUE 0x4335 DARKKGAYAN 0x0451 LIGHTGREY 0x069A SADDLEBROWN 0x8622 DARKGOLDENROD 0xBC21 LIGHTSALMON 0xFD0F SANDYBROWN 0xF52C DARKGREEN 0x0320 LIGHTSKEAGREEN 0x2595 SEAGREEN 0x2243 DARKKAREEN 0x0320 LIGHTSKYBLUE 0x867F SEASHELL	BURLYWOOD	0xDDD0	LAVENDER	0xE73F	PEACHPUFF	0xFED7
CHOCOLATE 0xB343 LEMONCHIFFON 0xFFD9 PLUM 0xD1B CORAL 0xFBEA LIGHTBLUE 0xAEDC POWDERBLUE 0xB17C CORNFLOWERBLUE 0x64BD LIGHTCORAL 0xF410 PURPLE 0x8010 CORNSILK 0xFFDB LIGHTCORAL 0xFFDA RDSYBROWN 0x8001 CRIMSON 0xDARA LIGHTGOLD 0xFFDA ROSYBROWN 0xBC71 CYAN 0x07FF LIGHTGREEN 0x9772 ROYALBLUE 0x435C DARKGHUE 0x0011 LIGHTGREY 0x669A SADDLEBROWN 0x8222 DARKCYAN 0x0451 LIGHTSHINK 0xFDBB SALMON 0xFC0E DARKGOLDENROD 0x8C21 LIGHTSALMON 0xFDDF SANDYBROWN 0xF52C DARKGREY 0x055 LIGHTSKABLUE 0x867F SEASHELL 0xFFBD DARKKHARKI 0x80AD LIGHTSKYBLUE 0x867F SEASHELL 0xFFBD DARKKABARI 0x8811 LIGHTSKYBLUE 0x867F SEASHELL	CADETBLUE	0x5CF4	LAVENDERBLUSH	0xFF9E	PERU	0xCC27
CORAL 0xFBEA LIGHTBLUE 0xAEDC POWDERBLUE 0x648D CORNFICOMERBLUE 0x648D LIGHTCORAL 0x7410 PURPLE 0x8010 CORNSILK 0xFFDB LIGHTCORAL 0x7FFF RED 0x6800 CCRIMSON 0xD8A7 LIGHTGOLD 0xFFDA ROSYBROWN 0xBC71 CYAN 0x07FF LIGHTGREN 0x9772 ROYALBLUE 0x435C DARKGUE 0x0011 LIGHTGREY 0xD69A SADDLEBROWN 0x8A22 DARKGOLDENROD 0x8621 LIGHTSALMON 0xFDB8 SALMON 0xFC0E DARKGREY 0xAD55 LIGHTSALMON 0xFDDF SADYBROWN 0xF52C DARKGREY 0xAD55 LIGHTSEAGREEN 0x2595 SEAGREEN 0x2C4A DARKGREEN 0x0320 LIGHTSLEEBLUE 0x867F SEASHELL 0xFFBD DARKKHARKI 0x8BAD LIGHTSLEEBLUE 0x863B SILVER 0xC618 DARKORLIVEGREEN 0x545 LIGHTYELBUR 0x7653 SIENNA 0x4285 <	CHARTREUSE	0x7FE0	LAWNGREEN	0x7FE0	PINK	0xFE19
CORNFLOWERBLUE 0x64BD LIGHTCORAL 0xF410 PURPLE 0x8010 CORNSILK 0xFFDB LIGHTCYAN 0x27FF RED 0xF800 CRIMSON 0xD8A7 LIGHTGOLD 0xFFDA ROSYBROWN 0xB670 CYAN 0x07FF LIGHTGREY 0x9772 ROYALBLUE 0x435C DARKGUE 0x0011 LIGHTGREY 0xD69A SADDLEBROWN 0x8A22 DARKCYAN 0x0451 LIGHTSALMON 0xFD0F SANDYBROWN 0xFC0E DARKGOLDENROD 0x8C21 LIGHTSALMON 0xFD0F SANDYBROWN 0xF52C DARKGREY 0xAD55 LIGHTSKYBLUE 0x867F SEASHELL 0xF6DD DARKKHARKI 0xBDAD LIGHTSKYBLUE 0x867F SEASHELL 0xF6BD DARKKHARKI 0xBDAD LIGHTSLATEGRAY 0x7453 SIENNA 0x4285 DARKKHARKI 0xBB1 LIGHTSLATEGRAY 0x7453 SIENNA 0x4285 DARKOLIVEGREEN 0x5345 LIGHTSLATEGRAY 0x7453 SIENNA	CHOCOLATE	0xD343	LEMONCHIFFON	0xFFD9	PLUM	0xDD1B
CORNSILK 0xFFDB LIGHTCYAN 0xE7FF RED 0xF800 CRIMSON 0xD8A7 LIGHTGOLD 0xFFDA ROSYBROWN 0xBC71 CYAN 0x07FF LIGHTGREEN 0x9772 ROYALBLUE 0x435C DARKBUE 0x0011 LIGHTGREY 0xD69A SADDLEBROWN 0x8A22 DARKGAN 0x0451 LIGHTSHINK 0xFDBB SALMON 0xFC0E DARKGOLDENROD 0x8C21 LIGHTSALMON 0xFD0F SANDYBROWN 0xF52C DARKGREY 0xAD55 LIGHTSEAGREEN 0x2595 SEAGREEN 0x2C4A DARKKAREEN 0x320 LIGHTSKYBLUE 0x867F SEASHELL 0xFFBD DARKKHARKI 0xBDAD LIGHTSLEERGRAY 0x7453 SIENNA 0xA285 DARKMAGENTA 0x8811 LIGHTSTEELBLUE 0x863B SILVER 0x6618 DARKOLVEGREEN 0x545 LIGHTYELLOW 0xFFFC SKYBLUE 0x867D DARKORANGE 0xFC60 LIME 0x07E0 SLATEGRAY 0x	CORAL	0xFBEA	LIGHTBLUE	0xAEDC	POWDERBLUE	0xB17C
CRIMSON 0xD8A7 LIGHTGOLD 0xFFDA ROSYBROWN 0xBC71 CYAN 0x07FF LIGHTGREEN 0x9772 ROYALBLUE 0x435C DARKBUE 0x0011 LIGHTGREY 0xD69A SADDLEBROWN 0x8A22 DARKGOLDENROD 0x0451 LIGHTSIMK 0xFDBB SALMON 0xFC0E DARKGOLDENROD 0x8C21 LIGHTSALMON 0xFD0F SANDYBROWN 0xF52C DARKGREY 0xA055 LIGHTSALMON 0xFD0F SANDYBROWN 0xF52C DARKGREEN 0x320 LIGHTSKYBLUE 0x867F SEASHELL 0xFFBD DARKKHARKI 0xBDAD LIGHTSLATEGRAY 0x7453 SIENNA 0x243 DARKOLIVEGREEN 0x5345 LIGHTSLETEGRAY 0x7453 SIENNA 0x6218 DARKORANGE 0x5450 LIGHTSLEUW 0x863B SILVER 0x618 DARKORCHID 0x9999 LIMEGREEN 0x3666 SLATEGRAY 0x7412 DARKSALMON 0xECAF MAGENTA 0xF81F SPRINGGREEN	CORNFLOWERBLUE	0x64BD	LIGHTCORAL	0xF410	PURPLE	0x8010
CYAN 0x07FF LIGHTGREEN 0x9772 ROYALBLUE 0x435C DARKBLUE 0x0011 LIGHTGREY 0xD69A SADDLEBROWN 0x8A22 DARKCYAN 0x0451 LIGHTPINK 0xFDB8 SALMON 0xFCOE DARKGOLDENROD 0xBC21 LIGHTSALMON 0xFDDF SANDYBROWN 0xF52C DARKGREY 0xAD55 LIGHTSEAGREEN 0x2595 SEAGREEN 0x2C4A DARKKAREN 0x0320 LIGHTSKYBLUE 0x867F SEASHELL 0xFFBD DARKMAGENTA 0x8811 LIGHTSLATEGRAY 0x7453 SIENNA 0x2285 DARKOLIVEGREEN 0x5345 LIGHTSLEUEU 0x863B SILVER 0x667D DARKORANGE 0xFC60 LIME 0x07E0 SLATEBLUE 0x6AD9 DARKORCHID 0x9999 LIMEGREEN 0x3666 SLATEGRAY 0x7412 DARKSLATEBLUE 0x8800 LINEN 0xFF9C SNOW 0xFFDF DARKSLATEBLUE 0x49F1 MEDIUMAQUAMARINE 0x6675 TAN	CORNSILK	0xFFDB	LIGHTCYAN	0xE7FF	RED	0xF800
DARKBLUE 0x0011 LIGHTGREY 0xD69A SADDLEBROWN 0x8A22 DARKCYAN 0x0451 LIGHTPINK 0xFDB8 SALMON 0xFC0E DARKGOLDENROD 0xBC21 LIGHTSALMON 0xFD0F SANDYBROWN 0xF52C DARKGREY 0xAD55 LIGHTSEAGREEN 0x2595 SEAGREEN 0x2C4A DARKGREEN 0x0320 LIGHTSKYBLUE 0x867F SEASHELL 0xFFBD DARKKHARKI 0xBDAD LIGHTSLATEGRAY 0x7453 SIENNA 0xA285 DARKMAGENTA 0x8811 LIGHTSTELBLUE 0xB63B SILVER 0xC618 DARKOLIVEGREEN 0x5345 LIGHTYELLOW 0xFFFC SKYBLUE 0x867D DARKORANGE 0xFC60 LIME 0x07E0 SLATEBLUE 0x6AD9 DARKORANGE 0xFC60 LIME 0x9999 LIMEGREEN 0x3666 SLATEGRAY 0x7412 DARKRED 0x8800 LINEN 0xFF9C SNOW 0xFFDF DARKSALMON 0xECAF MAGENTA 0xF81F SPRINGGREEN 0x07EF DARKSALMON 0xECAF MAGENTA 0x881F SPRINGGREEN 0x07EF DARKSALGREEN 0x49F1 MEDIUMAQUAMARINE 0x6675 TAN 0x05B1 DARKSLATEBLUE 0x49F1 MEDIUMAQUAMARINE 0x6675 TAN 0x05B1 DARKSLATEGRAY 0x2A69 MEDIUMBLUE 0x0019 TEAL 0x0410 DARKTURQUOISE 0x067A MEDIUMORCHID 0xBABA THISTLE 0xDDFB DARKVIOLET 0x901A MEDIUMORCHID 0xBABA THISTLE 0xDDFB DARKVIOLET 0x901A MEDIUMSLATEBLUE 0x939B TOMATO 0xFB08 DEEPINK 0xF8B2 MEDIUMSLAGREEN 0x3D8E TURQUOISE 0x471A DEEPSKYBLUE 0x05FF MEDIUMSLATEBLUE 0x7B5D VIOLET 0xEC1D DIMGRAY 0x6B4D MEDIUMSLATEBLUE 0x4B99 WHITE FIREBRICK 0xB104 MEDIUMSLATERED 0x4B96 FUCHORS FIREBRICK 0x8104 MEDIUMINICHTBLUE 0x4B6C FUCHORS FORESTGREEN 0x2444 MINTCREAM 0xFFFF YELLOWGREEN 0x9E66 FUCHSIA 0x581F MISTYROSE 0xFF3C	CRIMSON	0xD8A7	LIGHTGOLD	0xFFDA	ROSYBROWN	0xBC71
DARKCYAN 0x0451 LIGHTPINK 0xFDB8 SALMON 0xFC0E DARKGOLDENROD 0xBC21 LIGHTSALMON 0xFD0F SANDYBROWN 0xF52C DARKGREY 0xAD55 LIGHTSEAGREEN 0x2595 SEAGREEN 0x2C4A DARKGREEN 0x0320 LIGHTSKYBLUE 0x867F SEASHELL 0xFFBD DARKKHARKI 0xBDAD LIGHTSLATEGRAY 0x7453 SIENNA 0xA285 DARKMAGENTA 0x8811 LIGHTSTEELBLUE 0xB63B SILVER 0xC618 DARKOLIVEGREEN 0x5345 LIGHTYELLOW 0xFFFC SKYBLUE 0x867D DARKORANGE 0xFC60 LIME 0x07ED SLATEBLUE 0x6AD9 DARKORCHID 0x9999 LIMEGREEN 0x3666 SLATEGRAY 0x7412 DARKCED 0x8800 LINEN 0xF9C SNOW 0xFFDF DARKSALMON 0xECAF MAGENTA 0xF81F SPRINGGREEN 0x07EF DARKSALMON 0xECAF MAGENTA 0xF81F SPRINGGREEN 0x07EF DARKSLATEBLUE 0x49F1 MEDIUMAQUAMARINE 0x6675 TAN 0xD5B1 DARKSLATEGRAY 0x2A69 MEDIUMBLUE 0x0019 TEAL 0x0410 DARKTURQUOISE 0x067A MEDIUMORCHID 0xBABA THISTLE 0xDDFB DARKVIOLET 0x901A MEDIUMSLATEBLUE 0x7BSD TOMATO 0xFB08 DEEPINK 0xF8B2 MEDIUMSLATEBLUE 0x7BSD VIOLET 0xF6F6 DOGERBLUE 0x1C9F MEDIUMSLATEBLUE 0x7BSD VIOLET 0xF6F6 DOGERBLUE 0x1C9F MEDIUMSPRINGGREEN 0x0FFF YELLOW 0xFFFF FIREBRICK 0x816 MINITCREAM 0xFFFF YELLOWGREEN 0x9E66 FUCHSIA 0xF81F MINITCREAM 0xFFFF YELLOWGREEN 0x9E66 FUCHSIA 0xF81F MINITCREAM 0xFFFF YELLOWGREEN 0x9E66 FUCHSIA 0xF81F MINITCREAM 0xFFFF YELLOWGREEN 0x9E66	CYAN	0x07FF	LIGHTGREEN	0x9772	ROYALBLUE	0x435C
DARKGOLDENROD 0xBC21 LIGHTSALMON 0xFD0F SANDYBROWN 0xF52C DARKGREY 0xAD55 LIGHTSEAGREEN 0x2595 SEAGREEN 0x2C4A DARKGREEN 0x0320 LIGHTSKYBLUE 0x867F SEASHELL 0xFFBD DARKKHARKI 0xBDAD LIGHTSLATEGRAY 0x7453 SIENNA 0xA285 DARKMAGENTA 0x8811 LIGHTSTEELBLUE 0x863B SILVER 0xC618 DARKOLIVEGREEN 0x5345 LIGHTYELLOW 0xFFFC SKYBLUE 0x867D DARKORANGE 0xFC60 LIME 0x07E0 SLATEBLUE 0x6AD9 DARKORCHID 0x9999 LIMEGREEN 0x5666 SLATEGRAY 0x7412 DARKRED 0x8800 LINEN 0xFF9C SNOW 0xFFDF DARKSALMON 0xECAF MAGENTA 0xF81F SPRINGGREEN 0x07EF DARKSLATEBLUE 0x49F1 MEDIUMAQUAMARINE 0x6675 TAN 0xD5B1 DARKSLATEGRAY 0x2A69 MEDIUMBLUE 0x0019 TEAL 0x0410 DARKTURQUOISE 0x067A MEDIUMORCHID 0xBABA THISTLE 0xDDFB DARKVIOLET 0x901A MEDIUMSEAGREEN 0x398B TOMATO 0xFB08 DEEPINK 0xF882 MEDIUMSEAGREEN 0x308E TURQUOISE 0x471A DEEPSKYBLUE 0x1C9F MEDIUMSLATEBLUE 0x7B5D VIOLET 0xF6F6 DODGERBLUE 0x1C9F MEDIUMTURQUOISE 0x6F9E DOMGRAY 0x6B4D MEDIUMSLATEBLUE 0x7B5D VIOLET 0xFFFF FIREBRICK 0xB104 MEDIUMINTURQUOISE 0x4E99 WHITE 0xFFFF FIREBRICK 0xB104 MEDIUMINTURQUOISE 0x6F9E FILORALWHITE 0xFFDE MIDNIGHTBLUE 0x18CE YELLOW 0xFFE0 FORESTGREEN 0x2444 MINTCREAM 0xFFFF YELLOWGREEN 0x99E66 FUCHSIA 0xF81F MISTYROSE 0xFF3C	DARKBLUE	0x0011	LIGHTGREY	0xD69A	SADDLEBROWN	0x8A22
DARKGREY 0xAD55 LIGHTSEAGREEN 0x2595 SEAGREEN 0x2C4A DARKGREEN 0x0320 LIGHTSKYBLUE 0x867F SEASHELL 0xFFBD DARKKHARKI 0xBDAD LIGHTSLATEGRAY 0x7453 SIENNA 0xA285 DARKMAGENTA 0x8811 LIGHTSTEELBLUE 0xB63B SILVER 0xC618 DARKOLIVEGREEN 0x5345 LIGHTYELLOW 0xFFFC SKYBLUE 0x867D DARKORANGE 0xFC60 LIME 0x07E0 SLATEBLUE 0x6AD9 DARKORCHID 0x9999 LIMEGREEN 0x3666 SLATEGRAY 0x7412 DARKRED 0x8800 LINEN 0xFF9C SNOW 0xFFDF DARKSALMON 0xECAF MAGENTA 0xF81F SPRINGGREEN 0x07EF DARKSEAGREEN 0x8DF1 MAROON 0x8000 STEELBLUE 0x4416 DARKSLATEBLUE 0x49F1 MEDIUMAQUAMARINE 0x6675 TAN 0xD5B1 DARKSLATEGRAY 0x2A69 MEDIUMBLUE 0x0019 TEAL 0x0410 DARKTURQUOISE 0x067A MEDIUMORCHID 0xBABA THISTLE 0xDDFB DARKVIOLET 0x901A MEDIUMSEAGREEN 0x3D8E TURQUOISE 0x471A DEEPSKYBLUE 0x05FF MEDIUMSLATEBLUE 0x7B5D VIOLET 0xEC1D DIMGRAY 0x6B4D MEDIUMSLATEBLUE 0x7B5D VIOLET 0x6C1D DIMGRAY 0x6B4D MEDIUMSLATEBLUE 0x07B3 WHEAT 0xF6F6 DODGERBLUE 0x1C9F MEDIUMSURICHED 0x000 WHITE 0xFFFF FIREBRICK 0xB104 MEDIUMVIOLETRED 0x000 WHITE 0xFFFF FIREBRICK 0xB104 MEDIUMVIOLETRED 0x000 WHITE 0xFFFE FIREBRICK 0xF8DE MIDNIGHTBLUE 0x18CE YELLOW 0xFFE0 FORESTGREEN 0x2444 MINTCREAM 0xF7FF YELLOWGREEN 0x96E6 FUCHSIA 0xF81F MISTYROSE 0xFF3C	DARKCYAN	0x0451	LIGHTPINK	0xFDB8	SALMON	0xFC0E
DARKGREEN 0x0320 LIGHTSKYBLUE 0x867F SEASHELL 0xFFBD DARKKHARKI 0xBDAD LIGHTSLATEGRAY 0x7453 SIENNA 0xA285 DARKMAGENTA 0x8811 LIGHTSTEELBLUE 0xB63B SILVER 0xC618 DARKOLIVEGREEN 0x5345 LIGHTYELLOW 0xFFFC SKYBLUE 0x867D DARKORANGE 0xFC60 LIME 0x07E0 SLATEBLUE 0x6AD9 DARKORCHID 0x9999 LIMEGREEN 0x3666 SLATEGRAY 0x7412 DARKRED 0x8800 LINEN 0xFF9C SNOW 0xFFDF DARKSALMON 0xECAF MAGENTA 0xF81F SPRINGGREEN 0x07EF DARKSEAGREEN 0x8DF1 MAROON 0x8000 STEELBLUE 0x4416 DARKSLATEBLUE 0x49F1 MEDIUMAQUAMARINE 0x6675 TAN 0xD5B1 DARKSLATEGRAY 0x2A69 MEDIUMBLUE 0x0019 TEAL 0x0410 DARKTURQUOISE 0x067A MEDIUMORCHID 0xBABA THISTLE 0xDDFB DARKVIOLET 0x901A MEDIUMSEAGREEN 0x3D8E TURQUOISE 0x471A DEEPSKYBLUE 0x05FF MEDIUMSEAGREEN 0x3D8E TURQUOISE 0x471A DEEPSKYBLUE 0x05FF MEDIUMSEAGREEN 0x3D8E TURQUOISE 0x471A DEEPSKYBLUE 0x10FF MEDIUMSPRINGGREEN 0x07D3 WHEAT 0xF6F6 DODGERBLUE 0x10FF MEDIUMTURQUOISE 0x4E99 WHITE 0xFFFF FIREBRICK 0xB104 MEDIUMVIOLETRED 0x0B0 WHITESMOKE 0xF7BE FLORALWHITE 0xFFDE MIDNIGHTBLUE 0x18CE YELLOW 0xFEE0 FORESTGREEN 0x2444 MINTCREAM 0xF7FF YELLOWGREEN 0x9E66 FUCHSIA 0xF81F MISTYROSE 0xFF3C	DARKGOLDENROD	0xBC21	LIGHTSALMON	0xFD0F	SANDYBROWN	0xF52C
DARKKHARKI 0xBDAD LIGHTSLATEGRAY 0x7453 SIENNA 0x8285 DARKMAGENTA 0x8811 LIGHTSTEELBLUE 0xB63B SILVER 0xC618 DARKOLIVEGREEN 0x5345 LIGHTYELLOW 0xFFC SKYBLUE 0x867D DARKORANGE 0xFC60 LIME 0x07E0 SLATEBLUE 0x6AD9 DARKORCHID 0x9999 LIMEGREEN 0x3666 SLATEGRAY 0x7412 DARKRED 0x8800 LINEN 0xFF9C SNOW 0xFFDF DARKSALMON 0xECAF MAGENTA 0xF81F SPRINGGREEN 0x07EF DARKSEAGREEN 0x8DF1 MAROON 0x8000 STEELBLUE 0x4416 DARKSLATEBLUE 0x49F1 MEDIUMAQUAMARINE 0x6675 TAN 0xD5B1 DARKSLATEGRAY 0x2A69 MEDIUMBLUE 0x0019 TEAL 0x0410 DARKTURQUOISE 0x067A MEDIUMORCHID 0xBABA THISTLE 0xDDFB DARKVIOLET 0x901A MEDIUMPURPLE 0x939B TOMATO 0xFB08 DEEPINK 0xF8B2 MEDIUMSLATEBLUE 0x7B5D VIOLET 0xEC1D DIMGRAY 0x6B4D MEDIUMSPRINGGREEN 0x07D3 WHEAT 0xF6F6 DODGERBLUE 0x1C9F MEDIUMTURQUOISE 0x4E99 WHITE 0xFFFF FIREBRICK 0xB104 MEDIUMVIOLETRED 0x0B66 FUCHSIA 0xF81F MISTYROSE 0xFF3C	DARKGREY	0xAD55	LIGHTSEAGREEN	0x2595	SEAGREEN	0x2C4A
DARKMAGENTA 0x8811 LIGHTSTEELBLUE 0x863B SILVER 0xC618 DARKOLIVEGREEN 0x5345 LIGHTYELLOW 0xFFFC SKYBLUE 0x867D DARKORANGE 0xFC60 LIME 0x07E0 SLATEBLUE 0x6AD9 DARKORCHID 0x9999 LIMEGREEN 0x3666 SLATEGRAY 0x7412 DARKRED 0x8800 LINEN 0xFF9C SNOW 0xFFDF DARKSALMON 0xECAF MAGENTA 0xF81F SPRINGGREEN 0x07EF DARKSEAGREEN 0x8DF1 MAROON 0x8000 STEELBLUE 0x4416 DARKSLATEBLUE 0x49F1 MEDIUMAQUAMARINE 0x6675 TAN 0xD5B1 DARKSLATEGRAY 0x2A69 MEDIUMBLUE 0x0019 TEAL 0x0410 DARKTURQUOISE 0x067A MEDIUMORCHID 0xBABA THISTLE 0xDDFB DARKVIOLET 0x901A MEDIUMPURPLE 0x939B TOMATO 0xFB08 DEEPINK 0xF8B2 MEDIUMSEAGREEN 0x3D8E TURQUOISE 0x471A DEEPSKYBLUE 0x05FF MEDIUMSLATEBLUE 0x7B5D VIOLET 0xEC1D DIMGRAY 0x6B4D MEDIUMSPRINGGREEN 0x07D3 WHEAT 0xF6F6 DODGERBLUE 0x1C9F MEDIUMVIOLETRED 0x080 WHITE 0xFFFF FIREBRICK 0xB104 MEDIUMVIOLETRED 0x08C6 DOXFFOF FORESTGREEN 0x2444 MINTCREAM 0xF7FF YELLOWGREEN 0x99E66 FUCHSIA 0xF81F MISTYROSE 0xF73C	DARKGREEN	0x0320	LIGHTSKYBLUE	0x867F	SEASHELL	0xFFBD
DARKOLIVEGREEN 0x5345 LIGHTYELLOW 0xFFFC SKYBLUE 0x867D DARKORANGE 0xFC60 LIME 0x07E0 SLATEBLUE 0x6AD9 DARKORCHID 0x9999 LIMEGREEN 0x3666 SLATEGRAY 0x7412 DARKSALMON 0x8800 LINEN 0xF9C SNOW 0xFFDF DARKSALMON 0xECAF MAGENTA 0xF81F SPRINGGREEN 0x07EF DARKSEAGREEN 0x8DF1 MAROON 0x8000 STEELBLUE 0x4416 DARKSLATEBLUE 0x49F1 MEDIUMAQUAMARINE 0x6675 TAN 0xD5B1 DARKSLATEGRAY 0x2A69 MEDIUMBLUE 0x0019 TEAL 0x0410 DARKTURQUOISE 0x067A MEDIUMBLUE 0x0019 TEAL 0x0410 DARKVIOLET 0x901A MEDIUMORCHID 0xBABA THISTLE 0xDDFB DARKVIOLET 0x901A MEDIUMPURPLE 0x398B TOMATO 0xF808 DEEPINK 0x58B2 MEDIUMSEAGREEN 0x3D8E TURQUOISE <	DARKKHARKI	0xBDAD	LIGHTSLATEGRAY	0x7453	SIENNA	0xA285
DARKORANGE 0xFC60 LIME 0x07E0 SLATEBLUE 0x6AD9 DARKORCHID 0x9999 LIMEGREEN 0x3666 SLATEGRAY 0x7412 DARKRED 0x8800 LINEN 0xFF9C SNOW 0xFFDF DARKSALMON 0xECAF MAGENTA 0xF81F SPRINGGREEN 0x07EF DARKSEAGREEN 0x8DF1 MAROON 0x8000 STEELBLUE 0x4416 DARKSLATEBLUE 0x49F1 MEDIUMAQUAMARINE 0x6675 TAN 0xD5B1 DARKSLATEGRAY 0x2A69 MEDIUMBLUE 0x0019 TEAL 0x0410 DARKTURQUOISE 0x067A MEDIUMORCHID 0xBABA THISTLE 0xDDFB DARKVIOLET 0x901A MEDIUMPURPLE 0x939B TOMATO 0xF808 DEEPINK 0xF8B2 MEDIUMSEAGREEN 0x3D8E TURQUOISE 0x471A DEEPSKYBLUE 0x05FF MEDIUMSLATEBLUE 0x7B5D VIOLET 0xEC1D DIMGRAY 0x6B4D MEDIUMSPRINGGREEN 0x07D3 WHEAT 0xF6F6 DODGERBLUE 0x1C9F MEDIUMTURQUOISE 0x4E99 WHITE 0xFFFF FIREBRICK 0xB104 MEDIUMVIOLETRED 0x0BC VHITESMOKE 0xFBE FLORALWHITE 0xFFDE MIDNIGHTBLUE 0x18CE YELLOW 0xFE0 FORESTGREEN 0x2444 MINTCREAM 0xF7FF YELLOWGREEN 0x99E66 FUCHSIA 0xF81F MISTYROSE 0xFF3C	DARKMAGENTA	0x8811	LIGHTSTEELBLUE	0xB63B	SILVER	0xC618
DARKORCHID Ox9999 LIMEGREEN Ox3666 SLATEGRAY Ox7412 DARKRED Ox8800 LINEN OxFF9C SNOW OxFFDF DARKSALMON OxECAF MAGENTA OxF81F SPRINGGREEN Ox07EF DARKSEAGREEN Ox8DF1 MAROON Ox8000 STEELBLUE Ox4416 DARKSLATEBLUE Ox49F1 MEDIUMAQUAMARINE Ox6675 TAN OxD5B1 DARKSLATEGRAY Ox2A69 MEDIUMBLUE Ox0019 TEAL Ox0410 DARKTURQUOISE Ox067A MEDIUMORCHID DARKVIOLET Ox901A MEDIUMPURPLE Ox939B TOMATO OxF808 DEEPINK OxF8B2 MEDIUMSEAGREEN Ox3D8E TURQUOISE Ox471A DEEPSKYBLUE OX05FF MEDIUMSLATEBLUE Ox7B5D VIOLET OxEC1D DIMGRAY Ox6B4D MEDIUMSPRINGGREEN Ox3D8E TURQUOISE Ox471A DEEPSKYBLUE Ox05FF MEDIUMSLATEBLUE Ox7B5D VIOLET OxEC1D DIMGRAY Ox6B4D MEDIUMSPRINGGREEN Ox07D3 WHEAT OxF6F6 DODGERBLUE Ox1C9F MEDIUMTURQUOISE Ox4E99 WHITE OxFFFF FIREBRICK OXB104 MEDIUMVIOLETRED OxCOBO WHITESMOKE OXF7BE FLORALWHITE OXFFED MIDNIGHTBLUE Ox18CE YELLOW OXFFEO FORESTGREEN OX981F MISTYROSE OXFF3C	DARKOLIVEGREEN	0x5345	LIGHTYELLOW	0xFFFC	SKYBLUE	0x867D
DARKRED 0x8800 LINEN 0xFF9C SNOW 0xFFDF DARKSALMON 0xECAF MAGENTA 0xF81F SPRINGGREEN 0x07EF DARKSEAGREEN 0x8DF1 MAROON 0x8000 STEELBLUE 0x4416 DARKSLATEBLUE 0x49F1 MEDIUMAQUAMARINE 0x6675 TAN 0xD5B1 DARKSLATEGRAY 0x2A69 MEDIUMBLUE 0x0019 TEAL 0x0410 DARKTURQUOISE 0x067A MEDIUMORCHID 0xBABA THISTLE 0xDDFB DARKVIOLET 0x901A MEDIUMPURPLE 0x939B TOMATO 0xF808 DEEPINK 0xF8B2 MEDIUMSEAGREEN 0x3D8E TURQUOISE 0x471A DEEPSKYBLUE 0x05FF MEDIUMSLATEBLUE 0x7B5D VIOLET 0xEC1D DIMGRAY 0x6B4D MEDIUMSPRINGGREEN 0x07D3 WHEAT 0xF6F6 DODGERBLUE 0x1C9F MEDIUMTURQUOISE 0x4E99 WHITE 0xFFFF FIREBRICK 0xB104 MEDIUMVIOLETRED 0xC0B0 WHITESMOKE 0xF7BE FLORALWHITE 0xFFDE MIDNIGHTBLUE 0x18CE YELLOW 0x9E66 FUCHSIA 0xF81F MISTYROSE 0xFF3C	DARKORANGE	0xFC60	LIME	0x07E0	SLATEBLUE	0x6AD9
DARKSALMON 0xECAF MAGENTA 0xF81F SPRINGGREEN 0x07EF DARKSEAGREEN 0x8DF1 MAROON 0x8000 STEELBLUE 0x4416 DARKSLATEBLUE 0x49F1 MEDIUMAQUAMARINE 0x6675 TAN 0xD5B1 DARKSLATEGRAY 0x2A69 MEDIUMBLUE 0x0019 TEAL 0x0410 DARKTURQUOISE 0x067A MEDIUMORCHID 0xBABA THISTLE 0xDDFB DARKVIOLET 0x901A MEDIUMPURPLE 0x939B TOMATO 0xF808 DEEPINK 0xF8B2 MEDIUMSEAGREEN 0x3D8E TURQUOISE 0x471A DEEPSKYBLUE 0x05FF MEDIUMSLATEBLUE 0x7B5D VIOLET 0xEC1D DIMGRAY 0x6B4D MEDIUMSPRINGGREEN 0x07D3 WHEAT 0xF6F6 DODGERBLUE 0x1C9F MEDIUMTURQUOISE 0x4E99 WHITE 0xFFFF FIREBRICK 0xB104 MEDIUMVIOLETRED 0xC0B0 WHITESMOKE 0xF7BE FLORALWHITE 0xFFDE MIDNIGHTBLUE 0x18CE YELLOW 0x9E66 FORESTGREEN 0x2444 MINTCREAM 0xF7FF YELLOWGREEN 0x9E66 FUCHSIA 0xF81F MISTYROSE 0xFF3C	DARKORCHID	0x9999	LIMEGREEN	0x3666	SLATEGRAY	0x7412
DARKSEAGREEN 0x8DF1 MAROON 0x8000 STEELBLUE 0x4416 DARKSLATEBLUE 0x49F1 MEDIUMAQUAMARINE 0x6675 TAN 0xD5B1 DARKSLATEGRAY 0x2A69 MEDIUMBLUE 0x0019 TEAL 0x0410 DARKTURQUOISE 0x067A MEDIUMORCHID 0xBABA THISTLE 0xDDFB DARKVIOLET 0x901A MEDIUMPURPLE 0x939B TOMATO 0xF808 DEEPINK 0xF8B2 MEDIUMSEAGREEN 0x3D8E TURQUOISE 0x471A DEEPSKYBLUE 0x05FF MEDIUMSLATEBLUE 0x7B5D VIOLET 0xEC1D DIMGRAY 0x6B4D MEDIUMSPRINGGREEN 0x07D3 WHEAT 0xF6F6 DODGERBLUE 0x1C9F MEDIUMTURQUOISE 0x4E99 WHITE 0xFFFF FIREBRICK 0xB104 MEDIUMVIOLETRED 0xC0B0 WHITESMOKE 0xF7BE FLORALWHITE 0xFFDE MIDNIGHTBLUE 0x18CE YELLOW 0xF6E0 FORESTGREEN 0x2444 MINTCREAM 0xF7FF YELLOWGREEN 0x9E66 FUCHSIA 0xF81F MISTYROSE 0xFF3C	DARKRED	0x8800	LINEN	0xFF9C	SNOW	0xFFDF
DARKSLATEBLUE 0x49F1 MEDIUMAQUAMARINE 0x6675 TAN 0xD5B1 DARKSLATEGRAY 0x2A69 MEDIUMBLUE 0x0019 TEAL 0x0410 DARKTURQUOISE 0x067A MEDIUMORCHID 0xBABA THISTLE 0xDDFB DARKVIOLET 0x901A MEDIUMPURPLE 0x939B TOMATO 0xFB08 DEEPINK 0xF8B2 MEDIUMSEAGREEN 0x3D8E TURQUOISE 0x471A DEEPSKYBLUE 0x05FF MEDIUMSLATEBLUE 0x7B5D VIOLET 0xEC1D DIMGRAY 0x6B4D MEDIUMSPRINGGREEN 0x07D3 WHEAT 0xF6F6 DODGERBLUE 0x1C9F MEDIUMTURQUOISE 0x4E99 WHITE 0xFFFF FIREBRICK 0xB104 MEDIUMVIOLETRED 0xC0B0 WHITESMOKE 0xF7BE FLORALWHITE 0xFFDE MIDNIGHTBLUE 0x18CE YELLOW 0xFFE0 FORESTGREEN 0x2444 MINTCREAM 0xF7FF YELLOWGREEN 0x9E66 FUCHSIA 0xF81F MISTYROSE 0xFF3C	DARKSALMON	0xECAF	MAGENTA	0xF81F	SPRINGGREEN	0x07EF
DARKSLATEGRAY 0x2A69 MEDIUMBLUE 0x0019 TEAL 0x0410 DARKTURQUOISE 0x067A MEDIUMORCHID 0xBABA THISTLE 0xDDFB DARKVIOLET 0x901A MEDIUMPURPLE 0x939B TOMATO 0xFB08 DEEPINK 0xF8B2 MEDIUMSEAGREEN 0x3D8E TURQUOISE 0x471A DEEPSKYBLUE 0x05FF MEDIUMSLATEBLUE 0x7B5D VIOLET 0xEC1D DIMGRAY 0x6B4D MEDIUMSPRINGGREEN 0x07D3 WHEAT 0xF6F6 DODGERBLUE 0x1C9F MEDIUMTURQUOISE 0x4E99 WHITE 0xFFFF FIREBRICK 0xB104 MEDIUMVIOLETRED 0xC0B0 WHITESMOKE 0xF7BE FLORALWHITE 0xFFDE MIDNIGHTBLUE 0x18CE YELLOW 0xFFE0 FORESTGREEN 0x2444 MINTCREAM 0xF7FF YELLOWGREEN 0x9E66 FUCHSIA 0xF81F MISTYROSE 0xFF3C	DARKSEAGREEN	0x8DF1	MAROON	0x8000	STEELBLUE	0x4416
DARKTURQUOISE 0x067A MEDIUMORCHID 0xBABA THISTLE 0xDDFB DARKVIOLET 0x901A MEDIUMPURPLE 0x939B TOMATO 0xFB08 DEEPINK 0xF8B2 MEDIUMSEAGREEN 0x3D8E TURQUOISE 0x471A DEEPSKYBLUE 0x05FF MEDIUMSLATEBLUE 0x7B5D VIOLET 0xEC1D DIMGRAY 0x6B4D MEDIUMSPRINGGREEN 0x07D3 WHEAT 0xF6F6 DODGERBLUE 0x1C9F MEDIUMTURQUOISE 0x4E99 WHITE 0xFFFF FIREBRICK 0xB104 MEDIUMVIOLETRED 0xC0B0 WHITESMOKE 0xF7BE FLORALWHITE 0xFFDE MIDNIGHTBLUE 0x18CE YELLOW 0xFE0 FORESTGREEN 0x2444 MINTCREAM 0xF7FF YELLOWGREEN 0x9E66 FUCHSIA 0xF81F MISTYROSE 0xFF3C	DARKSLATEBLUE	0x49F1	MEDIUMAQUAMARINE	0x6675	TAN	0xD5B1
DARKVIOLET 0x901A MEDIUMPURPLE 0x939B TOMATO 0xFB08 DEEPINK 0xF8B2 MEDIUMSEAGREEN 0x3D8E TURQUOISE 0x471A DEEPSKYBLUE 0x05FF MEDIUMSLATEBLUE 0x7B5D VIOLET 0xEC1D DIMGRAY 0x6B4D MEDIUMSPRINGGREEN 0x07D3 WHEAT 0xF6F6 DODGERBLUE 0x1C9F MEDIUMTURQUOISE 0x4E99 WHITE 0xFFFF FIREBRICK 0xB104 MEDIUMVIOLETRED 0xC0B0 WHITESMOKE 0xF7BE FLORALWHITE 0xFFDE MIDNIGHTBLUE 0x18CE YELLOW 0xFFE0 FORESTGREEN 0x2444 MINTCREAM 0xF7FF YELLOWGREEN 0x9E66 FUCHSIA 0xF81F MISTYROSE 0xFF3C	DARKSLATEGRAY	0x2A69	MEDIUMBLUE	0x0019	TEAL	0x0410
DEEPINK 0xF8B2 MEDIUMSEAGREEN 0x3D8E TURQUOISE 0x471A DEEPSKYBLUE 0x05FF MEDIUMSLATEBLUE 0x7B5D VIOLET 0xEC1D DIMGRAY 0x6B4D MEDIUMSPRINGGREEN 0x07D3 WHEAT 0xF6F6 DODGERBLUE 0x1C9F MEDIUMTURQUOISE 0x4E99 WHITE 0xFFFF FIREBRICK 0xB104 MEDIUMVIOLETRED 0xC0B0 WHITESMOKE 0xF7BE FLORALWHITE 0xFFDE MIDNIGHTBLUE 0x18CE YELLOW 0xFFE0 FORESTGREEN 0x2444 MINTCREAM 0xF7FF YELLOWGREEN 0x9E66 FUCHSIA 0xF81F MISTYROSE 0xFF3C	DARKTURQUOISE	0x067A	MEDIUMORCHID	0xBABA	THISTLE	0xDDFB
DEEPSKYBLUE 0x05FF MEDIUMSLATEBLUE 0x7B5D VIOLET 0xEC1D DIMGRAY 0x6B4D MEDIUMSPRINGGREEN 0x07D3 WHEAT 0xF6F6 DODGERBLUE 0x1C9F MEDIUMTURQUOISE 0x4E99 WHITE 0xFFFF FIREBRICK 0xB104 MEDIUMVIOLETRED 0xC0B0 WHITESMOKE 0xF7BE FLORALWHITE 0xFFDE MIDNIGHTBLUE 0x18CE YELLOW 0xFFE0 FORESTGREEN 0x2444 MINTCREAM 0xF7FF YELLOWGREEN 0x9E66 FUCHSIA 0xF81F MISTYROSE 0xFF3C	DARKVIOLET	0x901A	MEDIUMPURPLE	0x939B	TOMATO	0xFB08
DIMGRAY 0x6B4D MEDIUMSPRINGGREEN 0x07D3 WHEAT 0xF6F6 DODGERBLUE 0x1C9F MEDIUMTURQUOISE 0x4E99 WHITE 0xFFFF FIREBRICK 0xB104 MEDIUMVIOLETRED 0xC0B0 WHITESMOKE 0xF7BE FLORALWHITE 0xFFDE MIDNIGHTBLUE 0x18CE YELLOW 0xFE0 FORESTGREEN 0x2444 MINTCREAM 0xF7FF YELLOWGREEN 0x9E66 FUCHSIA 0xF81F MISTYROSE 0xFF3C	DEEPINK	0xF8B2	MEDIUMSEAGREEN	0x3D8E	TURQUOISE	0x471A
DODGERBLUE0x1C9FMEDIUMTURQUOISE0x4E99WHITE0xFFFFFIREBRICK0xB104MEDIUMVIOLETRED0xC0B0WHITESMOKE0xF7BEFLORALWHITE0xFFDEMIDNIGHTBLUE0x18CEYELLOW0xFFE0FORESTGREEN0x2444MINTCREAM0xF7FFYELLOWGREEN0x9E66FUCHSIA0xF81FMISTYROSE0xFF3C	DEEPSKYBLUE	0x05FF	MEDIUMSLATEBLUE	0x7B5D	VIOLET	0xEC1D
FIREBRICK 0xB104 MEDIUMVIOLETRED 0xC0B0 WHITESMOKE 0xF7BE FLORALWHITE 0xFFDE MIDNIGHTBLUE 0x18CE YELLOW 0xFFE0 FORESTGREEN 0x2444 MINTCREAM 0xF7FF YELLOWGREEN 0x9E66 FUCHSIA 0xF81F MISTYROSE 0xFF3C	DIMGRAY	0x6B4D	MEDIUMSPRINGGREEN	0x07D3	WHEAT	0xF6F6
FIREBRICK 0xB104 MEDIUMVIOLETRED 0xC0B0 WHITESMOKE 0xF7BE FLORALWHITE 0xFFDE MIDNIGHTBLUE 0x18CE YELLOW 0xFFE0 FORESTGREEN 0x2444 MINTCREAM 0xF7FF YELLOWGREEN 0x9E66 FUCHSIA 0xF81F MISTYROSE 0xFF3C	DODGERBLUE	0x1C9F	MEDIUMTURQUOISE	0x4E99	WHITE	0xFFFF
FORESTGREEN 0x2444 MINTCREAM 0xF7FF YELLOWGREEN 0x9E66 FUCHSIA 0xF81F MISTYROSE 0xFF3C	FIREBRICK	0xB104	MEDIUMVIOLETRED	0xC0B0		0xF7BE
FUCHSIA 0xF81F MISTYROSE 0xFF3C	FLORALWHITE	0xFFDE	MIDNIGHTBLUE	0x18CE	YELLOW	0xFFE0
FUCHSIA 0xF81F MISTYROSE 0xFF3C	FORESTGREEN	0x2444	MINTCREAM	0xF7FF	YELLOWGREEN	0x9E66
	FUCHSIA		MISTYROSE	0xFF3C		
	GAINSBORO		MOCCASIN	0xFF36		

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