

Specifying Colors

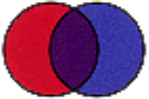
- ❖ Colors are usually specified using a 24-bit Color Specification called **RGB = Red Green Blue**
 - ◆ Specified as 6 digit hexadecimal value
 - ◆ Sometimes specified as three decimal values 0 to 255 separated by commas
 - ◆ 16 million colors are available
- ❖ Color names can also be used **Limited support in browsers**
 - ◆ For the purposes of this course you must specify all colors as RGB codes

Copyright © 2005 R.M. Laurie | 1

Common RGB Color Values

Common color values used for the web are:

White	= #FFFFFF	= 255,255,255
Black	= #000000	= 0,0,0
Red	= #FF0000	= 255,0,0
Blue	= #0000FF	= 0,0,255
Green	= #00FF00	= 0,255,0
Aqua	= #00FFFF	= 0,255,255
Yellow	= #FFFF00	= 255,255,0
Violet	= #FF00FF	= 255,0,255

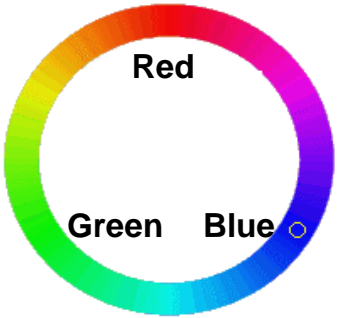


Red + Blue =
Violet

Copyright © 2005 R.M. Laurie | 2

More RGB Color Values

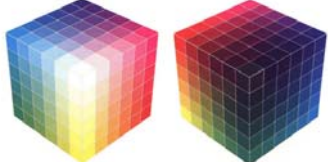
Maroon	= #990000
Navy	= #000066
Gray	= #999999
Silver	= #CCCCCC
Teal	= #009999
Olive	= #999900
Dk. Ylw.	= #CCCC00
Orange	= #FF9900



Copyright © 2005 R.M. Laurie | 3

The 8-Bit Color Cube

- ❖ Some computers are set to 8-bit (256) colors
- ❖ Select Colors using
 - ◆ Rule of 33 Hexadecimal or Rule of 51 Decimal
- ❖ Select values for each byte that are multiples of above numbers:
 - ◆ Decimal = 0 51 102 153 204 255
 - ◆ Hexadecimal = 00 33 66 99 CC FF



Copyright © 2005 R.M. Laurie | 4