




























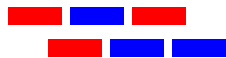












1 Introduction

- ; A 75% tint .
- “use hsb definitions”
- 40%  + 60%  = .
- Complement: .
- $3 \times$  + $2 \times$  + $1 \times$  = .
- .
-      .
-      .
-      .

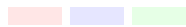
2 Global



3 XGlobal

fuu is red:  baz is green:  Now, fuu is purple:  and baz is orange:  Now, fuu is pink:  and baz is yellow:  Now, baz is orange again:  but, fuu is still pink:  Now, baz is green again:  and, fuu is *still* pink: .






4 Color Sets




5 Color Series

Test     Test
Test     Test
Test  Test

6 Blending

No blend: 
 With blend: 
 Again With blend: 
 Again Starred With blend: 
 Reset No blend: 

7 Boxes

Light within Gray 
 vs. Light within Gray 
 Green in Red surrounded by Blue 
 Yellow in Cyan surrounded by Magenta 
































































































































































































8 Arithmetic

A=5.0pt;B=10; A=A*B = 50.0pt;
 A=5.0pt; A=10*A=50.0pt; A=A/10=5.0pt.
 A=5.0pt; A=100*A=500.0pt; A=A/100=5.0pt.
 10*13 = 130; 100*13 = 1300.
 A=10*13 = 130.0pt; A=100*13 = 1300.0pt;

9 Colored Tables

test	row 1
test	row 2
test	row 3
test	row 4
test	row 5
test	row 6
test	row 7
test	row 8
test	row 9

10 Color Compararisons

color	rgb	cmYk	hsb	HTML	gray
red	 <u>1 0 0</u>	 <u>0 1 1 0</u>	 <u>0 1 1</u>	 FF0000	 0.3
green	 <u>0 1 0</u>	 <u>1 0 1 0</u>	 0.33333 1 1	 00FF00	 0.59
blue	 <u>0 0 1</u>	 <u>1 1 0 0</u>	 0.66667 1 1	 0000FF	 0.11
cyan	 <u>0 1 1</u>	 <u>1 0 0 0</u>	 0.5 1 1	 00FFFF	 0.7
magenta	 <u>1 0 1</u>	 <u>0 1 0 0</u>	 0.83333 1 1	 FF00FF	 0.41
yellow	 <u>1 1 0</u>	 <u>0 0 1 0</u>	 0.16667 1 1	 FFFF00	 0.89
orange	 <u>1 0.5 0</u>	 <u>0 0.5 1 0</u>	 0.08333 1 1	 FF8000	 0.595
violet	 <u>0.5 0 0.5</u>	 <u>0 0.5 0 0.5</u>	 0.83333 1 0.5	 800080	 0.205
purple	 <u>0.75 0 0.25</u>	 <u>0 0.75 0.5 0.25</u>	 0.94444 1 0.75	 BF0040	 0.2525
brown	 <u>0.75 0.5 0.25</u>	 <u>0 0.25 0.5 0.25</u>	 0.08333 0.66667 0.75	 BF8040	 0.5475
pink	 <u>1 0.75 0.75</u>	 <u>0 0.25 0.25 0</u>	 0 0.25 1	 FFBFBF	 0.825
olive	 <u>0.5 0.5 0</u>	 <u>0 0 1 0.5</u>	 0.16667 1 0.5	 808000	 0.39
black	 <u>0 0 0</u>	 <u>0 0 0 1</u>	 0 0 0	 000000	 0
darkgray	 <u>0.25 0.25 0.25</u>	 <u>0 0 0 0.75</u>	 0 0 0.25	 404040	 0.25
gray	 <u>0.5 0.5 0.5</u>	 <u>0 0 0 0.5</u>	 0 0 0.5	 808080	 0.5
lightgray	 <u>0.75 0.75 0.75</u>	 <u>0 0 0 0.25</u>	 0 0 0.75	 BFBFBF	 0.75
white	 <u>1 1 1</u>	 <u>0 0 0 0</u>	 0 0 1	 FFFFFFFF	 1
<hr/>					
-red	 <u>0 1 1</u>	 <u>1 0 0 0</u>	 0.5 1 1	 00FFFF	 0.7
-green	 <u>1 0 1</u>	 <u>0 1 0 0</u>	 0.83333 1 1	 FF00FF	 0.41
-blue	 <u>1 1 0</u>	 <u>0 0 1 0</u>	 0.16667 1 1	 FFFF00	 0.89
-cyan	 <u>1 0 0</u>	 <u>0 1 1 0</u>	 0 1 1	 FF0000	 0.3
-magenta	 <u>0 1 0</u>	 <u>1 0 1 0</u>	 0.33333 1 1	 00FF00	 0.59
-yellow	 <u>0 0 1</u>	 <u>1 1 0 0</u>	 0.66667 1 1	 0000FF	 0.11
-orange	 <u>0 0.5 1</u>	 <u>1 0.5 0 0</u>	 0.58333 1 1	 0080FF	 0.405
-violet	 <u>0.5 1 0.5</u>	 <u>0.5 0 0.5 0</u>	 0.33333 0.5 1	 80FF80	 0.795
-purple	 <u>0.25 1 0.75</u>	 <u>0.75 0 0.25 0</u>	 0.44444 0.75 1	 40FFBF	 0.7475
-brown	 <u>0.25 0.5 0.75</u>	 <u>0.5 0.25 0 0.25</u>	 0.58333 0.66667 0.75	 4080BF	 0.4525
-pink	 <u>0 0.25 0.25</u>	 <u>0.25 0 0 0.75</u>	 0.5 1 0.25	 004040	 0.175
-olive	 <u>0.5 0.5 1</u>	 <u>0.5 0.5 0 0</u>	 0.66667 0.5 1	 8080FF	 0.555
-black	 <u>1 1 1</u>	 <u>0 0 0 0</u>	 0 0 1	 FFFFFFFF	 1
-darkgray	 <u>0.75 0.75 0.75</u>	 <u>0 0 0 0.25</u>	 0 0 0.75	 BFBFBF	 0.75
-gray	 <u>0.5 0.5 0.5</u>	 <u>0 0 0 0.5</u>	 0 0 0.5	 808080	 0.5
-lightgray	 <u>0.25 0.25 0.25</u>	 <u>0 0 0 0.75</u>	 0 0 0.25	 404040	 0.25
-white	 <u>0 0 0</u>	 <u>0 0 0 1</u>	 0 0 0	 000000	 0
<hr/>					
JungleGreen	 0.01 1 0.48	 <u>0.99 0 0.52 0</u>	 0.41246 0.99 1	 03FF7A	 0.6458
DarkOrchid	 0.6 0.2 0.8	 <u>0.4 0.8 0.2 0</u>	 0.77779 0.75 0.8	 9933CC	 0.386
<hr/>					
-JungleGreen	 0.99 0 0.52	 <u>0 0.99 0.47 0.01</u>	 0.91246 1 0.99	 FC0085	 0.3542
-DarkOrchid	 0.4 0.8 0.2	 <u>0.4 0 0.6 0.2</u>	 0.27779 0.75 0.8	 66CC33	 0.614

11 Boxes

Should NOT be Red!

Should be Red!

12 Custom rgb directives

Brown

Dark blue

Light orange

Gray

Brick-like Red

Ocean blue

Sky blue

Black