1 Introduction

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

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

11 Setting and Using Boxes

Black on White!
Black on White!

Red on Green!

Red on Green!

Red on Green, but Green on Blue!

12 Custom rgb directives

Brown

Dark blue

Light orange

Gray

Brick-like Red

Ocean blue

Sky blue

Black

13 Mixed definecolor delimiters

9999C0 vs 9999C0.