































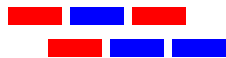












1 Introduction

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

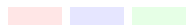
2 Global



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 |
| -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 |
| JungleGreen |  <u>0.01 1 0.48</u> |  <u>0.99 0 0.52 0</u> |  0.41246 0.99 1 |  03FF7A |  0.6458 |
| DarkOrchid |  <u>0.6 0.2 0.8</u> |  <u>0.4 0.8 0.2 0</u> |  0.77779 0.75 0.8 |  9933CC |  0.386 |
| -JungleGreen |  <u>0.99 0 0.52</u> |  <u>0 0.99 0.47 0.01</u> |  0.91246 1 0.99 |  FC0085 |  0.3542 |
| -DarkOrchid |  <u>0.4 0.8 0.2</u> |  <u>0.4 0 0.6 0.2</u> |  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, but Green on Blue!

12 Custom rgb directives

Brown

Dark blue

Light orange

Gray

Brick-like Red

Ocean blue

Sky blue

Black