

# Converting Colors

HunterLab(104.1791, 29.1400,  
2.2835)

Have a look what the booklet for  
HunterLab(104.1791, 29.1400,  
2.2835) contains.

<b>HunterLab(95.9084, 1.6033, 0.6405)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(95.9084, 1.6033,  
0.6405)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFF2FF
RGB	255, 242, 255
RGB Percent	100%, 95%, 100%
CMY	0.0000, 0.0510, 0.0000
CMYK	0.00, 0.05, 0.00, 0.00
HSL	300°, 100%, 97%
HSV	300°, 5%, 100%
XYZ	91.0421, 91.9842, 107.5639
YIQ	247.3690, 3.5750, 6.7990

# Conversions

## Conversions Part 2

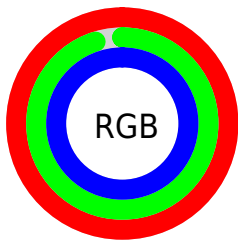
Format	Color
R <sub>Y</sub> B	255, 242, 255
Decimal	16773887
CIE Lab	96.82, 6.61, -4.68
CIE LCh	97, 8.097, 324.685
Yxy	91.9878, 0.3133, 0.3165
Android (android.graphics.Color)	4294963967 (0xFFFFF2FF)
YUV	247.3690, 3.7621, 6.6924
Hunter-Lab	95.9084, 1.6033, 0.6405

# Details

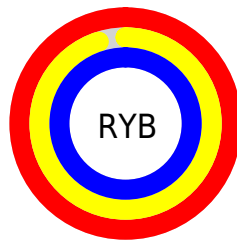
The HunterLab color 95.9084, 1.6033, 0.6405 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 98.3918, -11.7982, 9.7989, and the grayscale version is 96.5901, -5.1538, 5.2479.

A 20% lighter version of the original color is 100.0000, -5.3358, 5.4332, and 71.5547, 2.1049, -0.1401 is the 20% darker color. If you saturate the color by 10%, you get 88.2334, 15.4779, -8.9333, and if you desaturate by 10%, it is 100.0000, -5.3358, 5.4332.

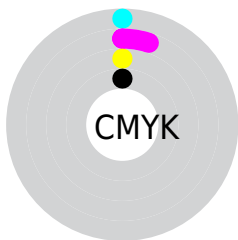
# Distribution



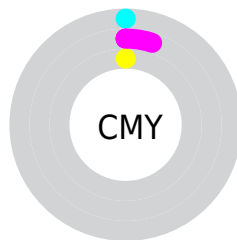
- Red (100%)
- Green (95%)
- Blue (100%)



- Red (100%)
- Yellow (95%)
- Blue (100%)



- Cyan (0%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (0%)
- Magenta (5%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 95.9084, 1.6033, 0.6405 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 95.9084, 1.6033, 0.6405 by changing the saturation by 10% instead.



95.9084, 1.6033,  
0.6405

95.9084, 1.6033,  
0.6405

231.1874, -3.3879,  
6.5107

83.4449, 1.9695,  
0.1616

122.5139, 0.7360,  
1.7194

71.5719, 2.2929,  
-0.2780

136.6077, 0.2462,  
2.3109

60.3224, 2.5664,  
-0.6728

151.2040, -0.2792,  
2.9355

49.7333, 2.7850,  
-1.0192

166.2861, -0.8386,  
3.5919

39.8484, 2.9424,  
-1.3123

181.8387, -1.4305,  
4.2787

30.7222, 3.0300,  
-1.5458

197.8481, -2.0535,

22.4239, 3.0362,

4.9948

-1.7112

214.3015, -2.7063,  
5.7391

■ 15.0462, 2.9430,  
-1.7965

■ 8.6862, 2.8612,  
-1.8426

■ 95.9084, 1.6033,  
0.6405

■ 95.9084, 1.6033,  
0.6405

■ 88.2334, 15.4779,  
-8.9333

100.0000, -5.3358,  
5.4332

■ 81.0828, 29.6470,  
-18.6980

■ 74.5474, 43.9456,  
-28.5396

■ 68.7298, 58.0647,  
-38.2461

■ 63.7409, 71.5001,  
-47.4728

■ 59.6873, 83.5440,  
-55.7364

■ 56.6492, 93.3746,  
-62.4764

■ 54.6503, 100.2805,  
-67.2088

■ 53.6240, 103.9767,  
-69.7409

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.9103, -1.7045, -2.0737



95.9084, 1.6033, 0.6405



95.9103, 3.1053, 4.5017

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



95.9103, 1.6002, 0.6427



95.9103, -4.3686, 12.6046



95.9103, -12.3967, 1.9351

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



95.9084, 1.6033, 0.6405



98.3918, -11.7982, 9.7989

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.9103, -13.0823, 5.9341



95.9084, 1.6033, 0.6405



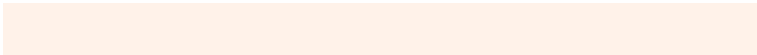
95.9103, -8.4936, 11.9836

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



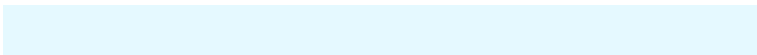
95.9103, 1.6002, 0.6427



95.9103, -0.3788, 11.3179



95.9103, -11.6653, 9.5835



95.9103, -9.7761, -1.3052

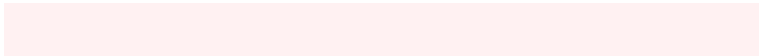


# Rectangle

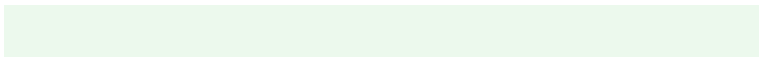
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95.9084, 1.6033, 0.6405



95.9103, 2.8671, 7.1601



95.9103, -11.6653, 9.5835



95.9103, -12.8592, 3.2398

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



95.9103, 1.6002, 0.6427



98.3814, -2.6249, 3.5605



94.6605, -2.6875, -0.9747



45.5527, -1.2767, 1.6903

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.9103, 1.6002, 0.6427



95.1965, 2.8409, -0.2140



95.6955, 0.4376, 3.6989



43.8048, 1.7298, -0.3858



38.5764, 75.8426, -50.8800



12.0372, 23.6656, -15.8764



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



95.9103, 1.6002, 0.6427



95.1965, 2.8409, -0.2140



98.5935, -10.6807, 6.9148



43.8048, 1.7298, -0.3858



38.5764, 75.8426, -50.8800



12.0372, 23.6656, -15.8764



# Previews

## White Background



This preview shows how the HunterLab color 95.9084, 1.6033, 0.6405 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

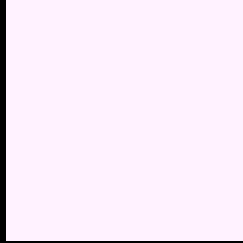
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 95.9084, 1.6033, 0.6405 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

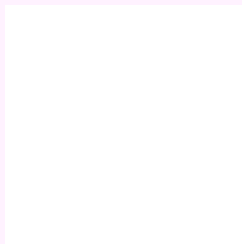
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# HunterLab 95.9084, 1.6033, 0.6405 Background



This preview shows how black text looks on a background with the HunterLab color 95.9084, 1.6033, 0.6405.



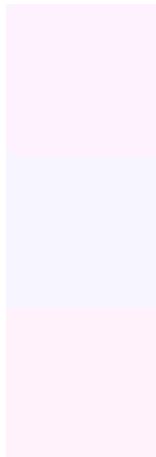
This preview shows how white text looks on a background with the HunterLab color 95.9084, 1.6033,

0.6405.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

95.9084, 1.6033, 0.6405

### Protanopia

96.0724, -2.6551, 0.7667

### Deuteranopia

95.7426, 0.7056, 3.0006



## Tritanopia

95.9253, 0.0616, 0.6342

# Trichromacy



## Original Color

95.9084, 1.6033, 0.6405

## Protanomaly

96.0444, -1.1367, 0.7591

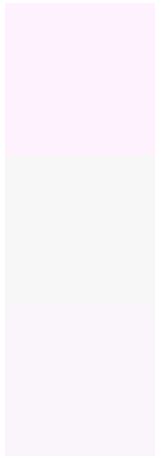
## Deuteranomaly

95.8084, 1.0622, 2.0630

## Tritanomaly

96.0228, 0.3954, 0.7595

# Monochromacy



## Original Color

95.9084, 1.6033, 0.6405

## Achromatopsia

96.4423, -5.1459, 5.2399

## Achromatomaly

96.1930, -2.5692, 3.4831

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 95.9084, 1.6033, 0.6405 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 242, 255)` looks like.

```
.text, #text, p{  
    color:rgb(255, 242, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 242, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 242, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 95.9084, 1.6033, 0.6405 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 242, 255) }
```



If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 242, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 242, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 242, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 242, 255);  
box-shadow:4px 4px 4px 4px rgb(255, 242,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 95.9084, 1.6033, 0.6405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 242, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
242, 255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor