

# Converting Colors

HunterLab(95.8133, -4.5879,  
4.7724)

Have a look what the booklet for  
HunterLab(95.8133, -4.5879, 4.7724)  
contains.

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# Color

**HunterLab(95.6825, -4.5955,  
4.8519)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F6F5F6
RGB	246, 245, 246
RGB Percent	96%, 96%, 96%
CMY	0.0353, 0.0392, 0.0353
CMYK	0.00, 0.00, 0.00, 0.04
HSL	300°, 5%, 96%
HSV	300°, 0%, 96%
XYZ	87.2929, 91.5514, 100.2590
YIQ	245.4130, 0.2750, 0.5230

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	246, 245, 246
Decimal	16184822
CIE Lab	96.64, 0.51, -0.37
CIE LCh	97, 0.631, 323.987
Yxy	91.5553, 0.3128, 0.3280
Android (android.graphics.Color)	4294374902 (0xFF6F5F6)
YUV	245.4130, 0.2894, 0.5148
Hunter-Lab	95.6825, -4.5955, 4.8519

# Details

The HunterLab color  $95.6825, -4.5955, 4.8519$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $95.8744, -5.6223, 5.5536$ , and the grayscale version is  $95.7395, -5.1084, 5.2017$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $71.4563, -3.3269, 3.5520$  is the 20% darker color. If you saturate the color by 10%, you get  $88.1173, 8.5424, -4.2191$ , and if you desaturate by 10%, it is  $98.8772, -9.8362, 8.4735$ .

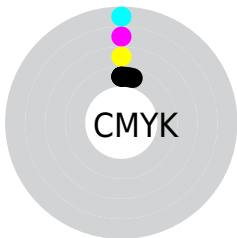
# Distribution



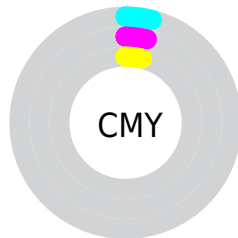
- Red (96%)
- Green (96%)
- Blue (96%)



- Red (96%)
- Yellow (96%)
- Blue (96%)



- Cyan (0%)
- Magenta (0%)
- Yellow (0%)
- Black (4%)



- Cyan (4%)
- Magenta (4%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 95.6825, -4.5955, 4.8519 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 95.6825, -4.5955, 4.8519 by changing the saturation by 10% instead.



95.6825, -4.5955,  
4.8519

95.6825, -4.5955,  
4.8519

230.8847,  
-11.6442, 12.0920

83.2294, -3.9558,  
4.1915

122.2689, -5.9741,  
6.2704

71.3672, -3.3466,  
3.5627

136.3537, -6.7058,  
7.0229

60.1291, -2.7721,  
2.9688

150.9413, -7.4651,  
7.8032

49.5520, -2.2345,  
2.4119

166.0149, -8.2510,  
8.6104

39.6801, -1.7366,  
1.8948

181.5593, -9.0626,  
9.4436

30.5679, -1.2816,  
1.4207

197.5607, -9.8991,

22.2850, -0.8742,

10.3021

0.9940

214.0064,  
-10.7599, 11.1852

■ 14.9246, -0.5204,  
0.6204

■ 8.5726, -0.1983,  
0.2871

■ 95.6825, -4.5955,  
4.8519

■ 95.6825, -4.5955,  
4.8519

■ 88.1173, 8.5424,  
-4.2191

■ 98.8772, -9.8362,  
8.4735

■ 81.0180, 21.9996,  
-13.4988

■ 98.8773, -9.8361,  
8.4735

■ 74.4650, 35.6683,  
-22.9124

■ 98.8773, -9.8361,  
8.4736

■ 68.5505, 49.3265,  
-32.3075

■ 98.8773, -9.8360,  
8.4736

63.3775, 62.5861,  
-41.4181

98.8773, -9.8359,  
8.4736

59.0518, 74.8608,  
-49.8437

98.8773, -9.8358,  
8.4736

55.6652, 85.3997,  
-57.0719

98.8774, -9.8358,  
8.4737

53.2704, 93.4382,  
-62.5818

98.8774, -9.8357,  
8.4737

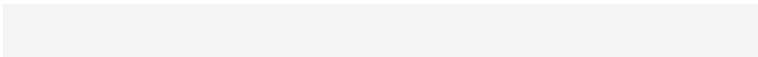
51.8495, 98.4688,  
-66.0287

98.8774, -9.8356,  
8.4737

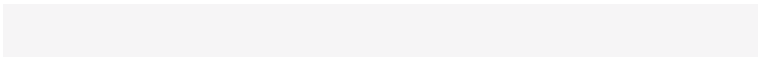
# Harmonies

## Analogous

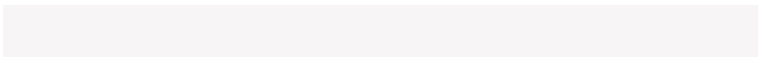
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.6846, -4.8530, 4.6563



95.6825, -4.5955, 4.8519



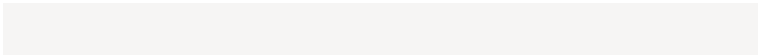
95.6846, -4.4799, 5.1452

# Triad

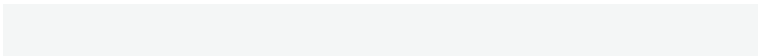
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



95.6846, -4.5978, 4.8534



95.6846, -5.0443, 5.8056



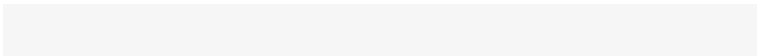
95.6846, -5.6886, 4.9631

# Complementary

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



95.6825, -4.5955, 4.8519



95.8744, -5.6223, 5.5536

# 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.



95.6846, -5.7397, 5.2715



95.6825, -4.5955, 4.8519



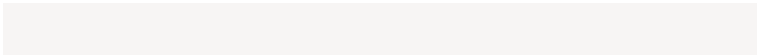
95.6846, -5.3680, 5.7572

# Square

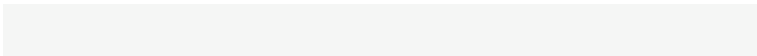
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



95.6846, -4.5978, 4.8534



95.6846, -4.7379, 5.6944



95.6846, -5.6224, 5.5619

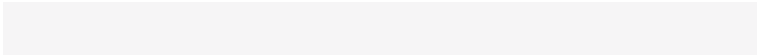


95.6846, -5.4827, 4.7197

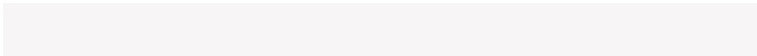


# Rectangle

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



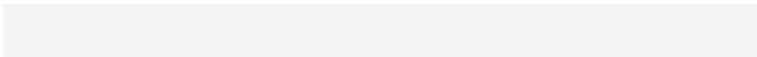
95.6825, -4.5955, 4.8519



95.6846, -4.4952, 5.3539



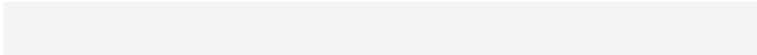
95.6846, -5.6224, 5.5619



95.6846, -5.7244, 5.0626

# Sweetspot

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



95.6846, -4.5978, 4.8534

100.0000, -5.3358, 5.4332



95.5959, -4.9327, 4.7429

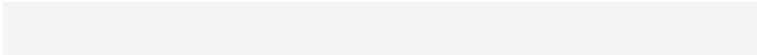


46.2646, -2.4686, 2.5136

0.0000, NaN, NaN

# Same Dimension

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



95.6846, -4.5978, 4.8534

100.0000, -5.3358, 5.4332



95.6691, -4.6822, 5.0735



44.2712, -2.3622, 2.4053



37.4289, 73.5867, -49.3677

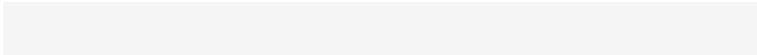


11.0963, 21.8157, -14.6357



# Inverse Universe

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



95.6527, -4.7722, 5.3081

100.0000, -5.3358, 5.4332



95.8897, -5.5382, 5.3346



44.2712, -2.3622, 2.4053



32.3387, 55.3810, 20.8964

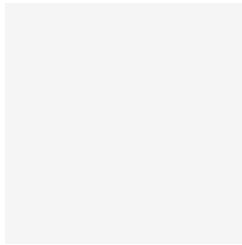


9.5872, 16.4184, 6.1949



# Previews

## White Background



This preview shows how the HunterLab color 95.6825, -4.5955, 4.8519 looks on a white background.

## Color Contrast Check

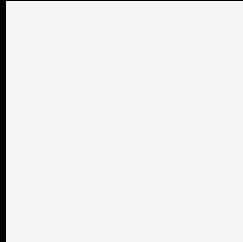
Large Text (above 18pt) WCAG AA × Fail

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 95.6825, -4.5955, 4.8519 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

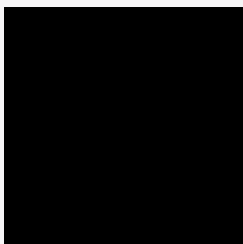
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

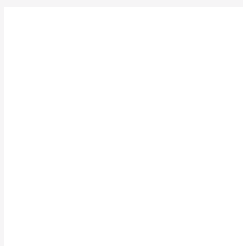
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## HunterLab 95.6825, -4.5955, 4.8519 Background



This preview shows how black text looks on a background with the HunterLab color 95.6825, -4.5955, 4.8519.



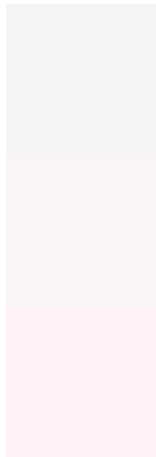
This preview shows how white text looks on a background with the HunterLab color 95.6825, -4.5955,

4.8519.

# 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

95.6825, -4.5955, 4.8519

### Protanopia

95.6210, -3.2515, 5.3003

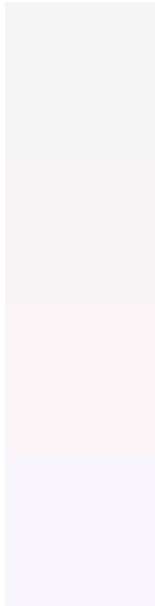
### Deuteranopia

95.6128, 0.0021, 4.8500

## **Tritanopia**

95.7578, -2.1234, 0.3904

# Trichromacy



## Original Color

95.6825, -4.5955, 4.8519

## Protanomaly

95.5251, -3.5834, 5.1816

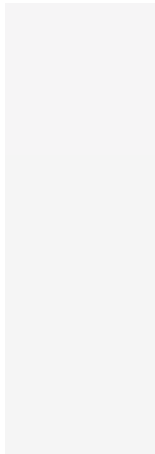
## Deuteranomaly

95.6297, -1.5442, 4.8429

## Tritanomaly

95.6576, -2.6693, 1.8149

# Monochromacy



## Original Color

95.6825, -4.5955, 4.8519

## Achromatopsia

95.5562, -5.0986, 5.1917

## Achromatomaly

95.5562, -5.0986, 5.1917

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 95.6825, -4.5955, 4.8519 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(246, 245, 246)` looks like.

```
.text, #text, p{  
    color:rgb(246, 245, 246)  
}
```

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(246, 245, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 245, 246) }
```

## Border

The CSS property to change the border of an element to HunterLab 95.6825, -4.5955, 4.8519 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(246, 245, 246) }
```

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

```
.border{ border-color:rgb(246, 245, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 245, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 245, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 245, 246);  
box-shadow:4px 4px 4px 4px rgb(246, 245,  
246) }
```



# Background

The CSS property to change the background color of an element to HunterLab 95.6825, -4.5955, 4.8519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 245, 246) }
```

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

```
.background{ background-color: rgb(246,  
245, 246) }
```

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](#).

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