

# Converting Colors

HunterLab(95.6588, -0.3041,  
5.3936)

Have a look what the booklet for  
HunterLab(95.6588, -0.3041, 5.3936)  
contains.

<b>HunterLab(95.5808, -0.1717, 5.3069)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(95.5808, -0.1717,  
5.3069)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFF2F5
RGB	255, 242, 245
RGB Percent	100%, 95%, 96%
CMY	0.0000, 0.0510, 0.0392
CMYK	0.00, 0.05, 0.04, 0.00
HSL	346°, 100%, 97%
HSV	346°, 5%, 100%
XYZ	89.4736, 91.3569, 99.3042
YIQ	246.2290, 6.7850, 3.6890

# Conversions

## Conversions Part 2

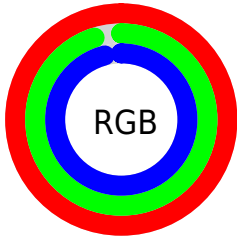
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 242, 245
Decimal	16773877
CIE <sub>Lab</sub>	96.56, 4.87, 0.11
CIE <sub>LCh</sub>	97, 4.869, 1.302
Yxy	91.3606, 0.3194, 0.3261
Android (android.graphics.Color)	4294963957 (0xFFFFF2F5)
YUV	246.2290, -0.6059, 7.6922
Hunter-Lab	95.5808, -0.1717, 5.3069

# Details

The HunterLab color 95.5808, -0.1717, 5.3069 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 98.7050, -10.0641, 5.3235, and the grayscale version is 96.1026, -5.1278, 5.2214.

A 20% lighter version of the original color is 100.0000, -5.3358, 5.4332, and 71.2725, 0.5792, 3.8779 is the 20% darker color. If you saturate the color by 10%, you get 87.2287, 10.1740, 5.3243, and if you desaturate by 10%, it is 100.0000, -5.3358, 5.4332.

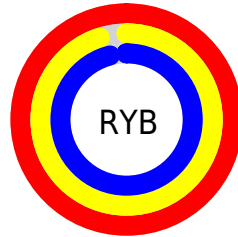
# Distribution



Red (100%)

Green (95%)

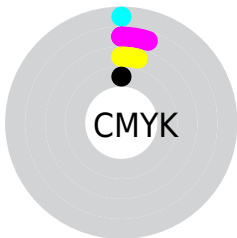
Blue (96%)



Red (100%)

Yellow (95%)

Blue (96%)

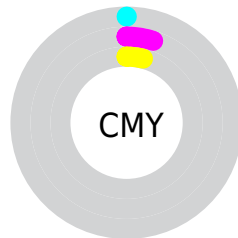


Cyan (0%)

Magenta (5%)

Yellow (4%)

Black (0%)



Cyan (0%)

Magenta (5%)


Yellow (4%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 95.5808, -0.1717, 5.3069 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 95.5808, -0.1717, 5.3069 by changing the saturation by 10% instead.



 95.5808, -0.1717,  
5.3069

 95.5808, -0.1717,  
5.3069


230.7481, -5.7396,  
12.7017

 83.1322, 0.2708,  
4.6258


122.1584, -1.1820,  
6.7639

 71.2748, 0.6739,  
3.9753


136.2391, -1.7395,  
7.5345

 60.0419, 1.0311,  
3.3585


150.8227, -2.3305,  
8.3325

 49.4702, 1.3382,  
2.7774

165.8925, -2.9534,  
9.1567

 39.6041, 1.5899,  
2.2343

181.4332, -3.6070,  
10.0065

 30.4983, 1.7788,  
1.7321

197.4310, -4.2899,

 22.2223, 1.8950,

10.8810

1.2744

213.8732, -5.0011,  
11.7797

■ 14.8698, 1.9232,  
0.8660

■ 8.5208, 2.0344,  
0.5176

■ 95.5808, -0.1717,  
5.3069

■ 95.5808, -0.1717,  
5.3069

■ 87.2287, 10.1740,  
5.3243

100.0000, -5.3358,  
5.4332

■ 79.3529, 20.8060,  
5.7463

■ 72.0446, 31.6585,  
6.6539

■ 65.4142, 42.5643,  
8.1281

■ 59.5923, 53.1878,  
10.2302

■ 54.7223, 62.9667,  
12.9651

■ 50.9379, 71.1231,  
16.2312

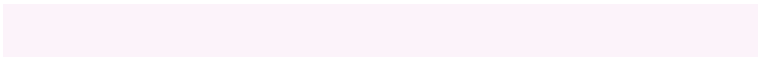
■ 48.3237, 76.8404,  
19.7854

■ 46.8591, 79.6388,  
23.2651

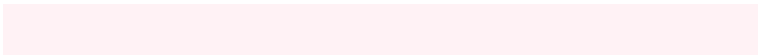
# Harmonies

## Analogous

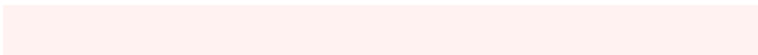
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.5827, -0.7845, 2.9455



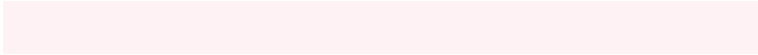
95.5808, -0.1717, 5.3069



95.5827, -0.8974, 7.5846

# Triad

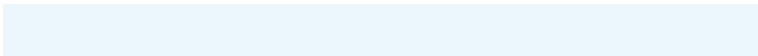
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



95.5827, -0.1747, 5.3083



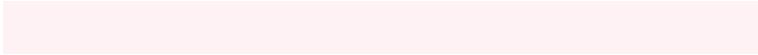
95.5827, -7.6287, 9.0870



95.5827, -7.4385, 1.0384

# Complementary

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



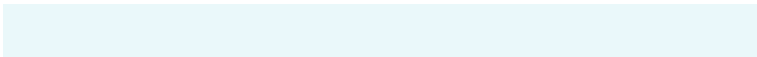
95.5808, -0.1717, 5.3069



98.7050, -10.0641, 5.3235

# Split Complementary

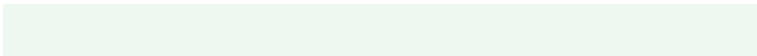
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.5827, -9.2414, 2.7581



95.5808, -0.1717, 5.3069



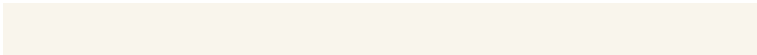
95.5827, -9.3504, 7.4064

# Square

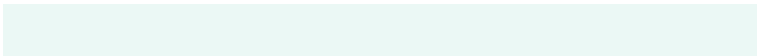
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



95.5827, -0.1747, 5.3083



95.5827, -5.2161, 9.7308



95.5827, -9.9377, 5.0973



95.5827, -4.9942, 0.4419

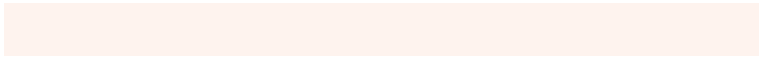


# Rectangle

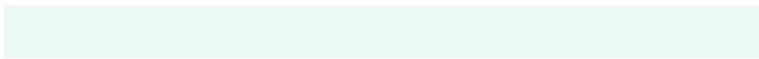
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



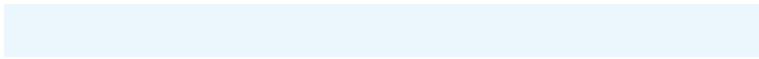
95.5808, -0.1717, 5.3069



95.5827, -2.0333, 8.7573



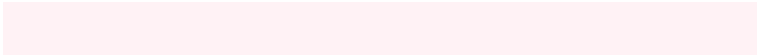
95.5827, -9.9377, 5.0973



95.5827, -8.1388, 1.5064

# Sweetspot

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



95.5827, -0.1747, 5.3083



98.2542, -3.3190, 5.3743



95.6124, 0.5832, 0.2592



45.4968, -1.5819, 2.4876

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

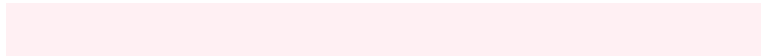


# Same Dimension

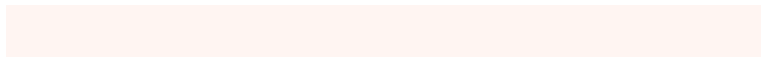
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.5827, -0.1747, 5.3083



94.8095, 0.7491, 5.2950



96.5720, -2.5317, 7.8857



43.6059, 0.6559, 2.4460



33.6026, 58.0887, 17.5022

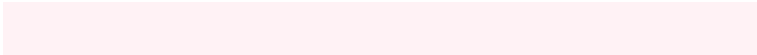


10.5606, 18.4038, 4.3553

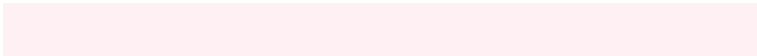


# Inverse Universe

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



95.5827, -0.1747, 5.3083



94.8095, 0.7491, 5.2950



97.6869, -7.7142, 2.6381



43.6059, 0.6559, 2.4460



33.6026, 58.0887, 17.5022

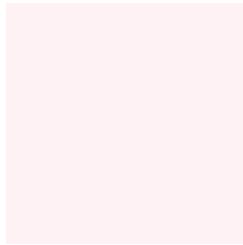


10.5606, 18.4038, 4.3553



# Previews

## White Background



This preview shows how the HunterLab color 95.5808, -0.1717, 5.3069 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

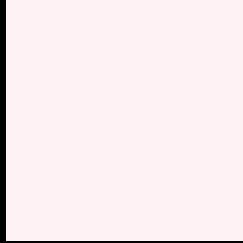
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 95.5808, -0.1717, 5.3069 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

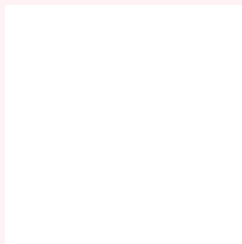
Any Text WCAG AAA ✓ Pass

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

## HunterLab 95.5808, -0.1717, 5.3069 Background



This preview shows how black text looks on a background with the HunterLab color 95.5808, -0.1717, 5.3069.



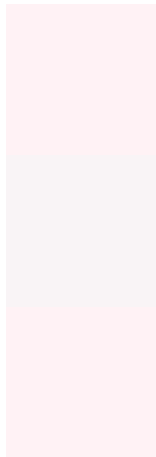
This preview shows how white text looks on a background with the HunterLab color 95.5808, -0.1717,



# 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

95.5808, -0.1717, 5.3069

### Protanopia

95.6530, -3.0768, 4.8435

### Deuteranopia

95.5808, -0.1717, 5.3069



## Tritanopia

95.4994, 1.8040, 0.1415

# Trichromacy



**Original Color**

95.5808, -0.1717, 5.3069

**Protanomaly**

95.5323, -1.8796, 4.7219

**Deuteranomaly**

95.5808, -0.1717, 5.3069

**Tritanomaly**

95.3659, 1.0814, 2.0414

# Monochromacy



**Original Color**

95.5808, -0.1717, 5.3069

**Achromatopsia**

95.9991, -5.1223, 5.2158

**Achromatomaly**

95.9679, -3.6059, 5.2057

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 95.5808, -0.1717, 5.3069 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, 245)` looks like.

```
.text, #text, p{  
    color:rgb(255, 242, 245)  
}
```

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, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 242, 245) }
```

## Border

The CSS property to change the border of an element to HunterLab 95.5808, -0.1717, 5.3069 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, 245) }
```



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

```
.border{ border-color:rgb(255, 242, 245) }
```

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, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 242, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 242, 245);  
box-shadow:4px 4px 4px 4px rgb(255, 242,  
245) }
```

# Background

The CSS property to change the background color of an element to HunterLab 95.5808, -0.1717, 5.3069 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, 245) }
```

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

```
.background{ background-color: rgb(255,  
242, 245) }
```

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