

# Converting Colors

HunterLab(96.1767, -7.5805,  
3.8814)

Have a look what the booklet for  
HunterLab(96.1767, -7.5805, 3.8814)  
contains.

<b>HunterLab(96.1767, -7.5805, 3.8814)</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(96.1767, -7.5805,  
3.8814)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0F8F9
RGB	240, 248, 249
RGB Percent	94%, 97%, 98%
CMY	0.0588, 0.0274, 0.0235
CMYK	0.04, 0.00, 0.00, 0.02
HSL	187°, 43%, 96%
HSV	187°, 4%, 98%
XYZ	86.6014, 92.4996, 102.9123
YIQ	245.7220, -5.0890, -1.3850

# Conversions

## Conversions Part 2

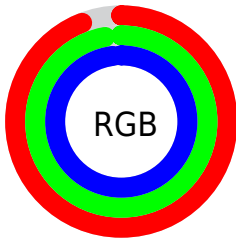
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	240, 244, 249
Decimal	15792377
CIE Lab	97.03, -2.45, -1.40
CIE LCh	97, 2.821, 209.866
Yxy	92.5035, 0.3071, 0.3280
Android (android.graphics.Color)	4293982457 (0xFFFF0F8F9)
YUV	245.7220, 1.6161, -5.0182
Hunter-Lab	96.1767, -7.5805, 3.8814

# Details

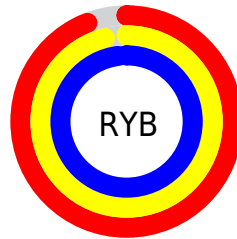
The HunterLab color **96.1767, -7.5805, 3.8814** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **94.5202, -2.5274, 6.4866**, and the grayscale version is **95.8724, -5.1155, 5.2089**.

A 20% lighter version of the original color is **100.0000, -5.3358, 5.4332**, and **71.9304, -6.1615, 2.6293** is the 20% darker color. If you saturate the color by 10%, you get **93.1441, -13.7514, 0.1050**, and if you desaturate by 10%, it is **98.4607, -4.1376, 6.6298**.

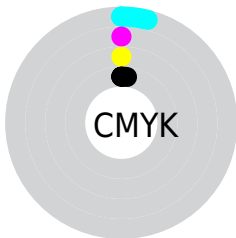
# Distribution



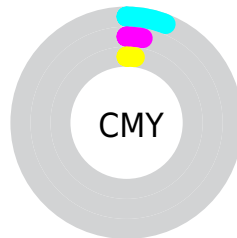
- Red (94%)
- Green (97%)
- Blue (98%)



- Red (94%)
- Yellow (96%)
- Blue (98%)



- Cyan (4%)
- Magenta (0%)
- Yellow (0%)
- Black (2%)



- Cyan (6%)
- Magenta (3%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 96.1767, -7.5805, 3.8814 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 96.1767, -7.5805, 3.8814 by changing the saturation by 10% instead.



96.1767, -7.5805,  
3.8814

96.1767, -7.5805,  
3.8814

231.5473,  
-15.6522, 10.7970

83.7012, -6.8043,  
3.2641

122.8052, -9.2143,  
5.2191

71.8154, -6.0520,  
2.6803

136.9097,  
-10.0665, 5.9334

60.5525, -5.3264,  
2.1340

151.5165,  
-10.9420, 6.6769

49.9490, -4.6282,  
1.6276

166.6086,  
-11.8404, 7.4484

40.0489, -3.9580,  
1.1644

182.1710,  
-12.7611, 8.2470

30.9060, -3.3163,  
0.7485

198.1898,

22.5895, -2.7031,

-13.7036, 9.0718

0.3854

214.6525,  
-14.6675, 9.9221

■ 15.1912, -2.1173,  
0.0831

■ 8.8193, -1.6797,  
-0.1801

■ 96.1767, -7.5805,  
3.8814

■ 96.1767, -7.5805,  
3.8814

■ 93.1441, -13.7514,  
0.1050

■ 98.4607, -4.1376,  
6.6298

■ 90.3392, -19.2200,  
-3.4905

■ 99.3364, -5.5964,  
7.6196

■ 87.7711, -23.9265,  
-6.8763

■ 99.8096, -6.3796,  
8.1512

■ 85.4450, -27.8171,  
-10.0259

■ 83.3628, -30.8510,  
-12.9154

■ 81.5228, -33.0060,  
-15.5257

■ 79.9180, -34.2850,  
-17.8457

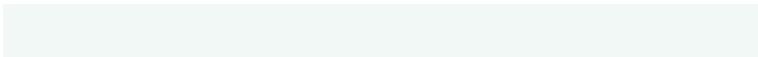
■ 78.5353, -34.7235,  
-19.8761

■ 77.3521, -34.3995,  
-21.6345

# Harmonies

## Analogous

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



96.1787, -7.9550, 5.2416



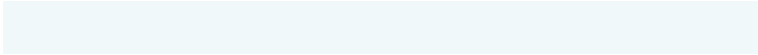
96.1767, -7.5805, 3.8814



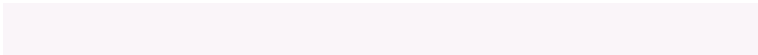
96.1787, -6.5558, 2.8741

# Triad

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



96.1787, -7.5826, 3.8829



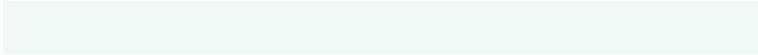
96.1787, -2.6734, 3.8718



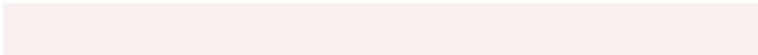
96.1787, -5.1304, 7.8927

# Complementary

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



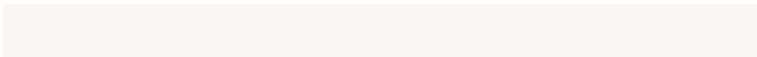
96.1767, -7.5805, 3.8814



94.5202, -2.5274, 6.4866

# Split Complementary

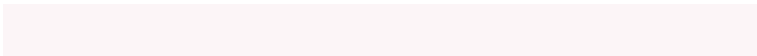
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.1787, -3.7099, 7.5380



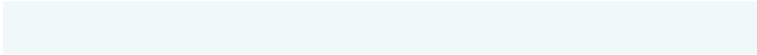
96.1767, -7.5805, 3.8814



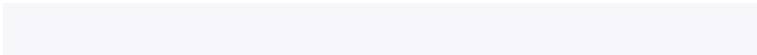
96.1787, -2.2862, 5.2289

# Square

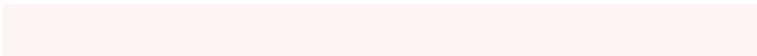
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



96.1787, -7.5826, 3.8829



96.1787, -3.7215, 2.8676



96.1787, -2.6667, 6.5682



96.1787, -6.5444, 7.5442

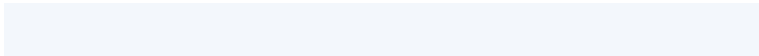


# Rectangle

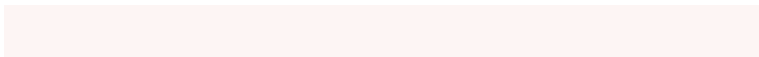
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96.1767, -7.5805, 3.8814



96.1787, -5.6352, 2.5431



96.1787, -2.6667, 6.5682



96.1787, -4.6378, 7.8518

# Sweetspot

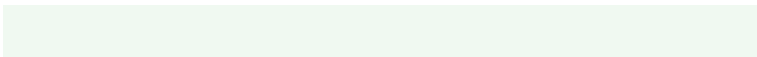
The Sweet Spot groups the original color and five complimentary colors.



96.1787, -7.5826, 3.8829



99.6693, -6.0241, 5.0312



96.2408, -9.5190, 7.9160



46.1191, -2.7713, 2.3369

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

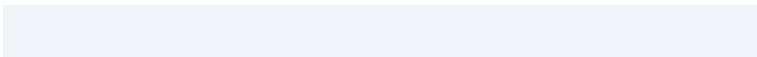
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.1787, -7.5826, 3.8829



98.6906, -8.0509, 3.8346



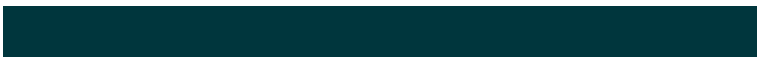
94.7772, -5.2733, 2.2427



44.5651, -3.8673, 1.6027



56.2127, -24.9511, -16.3987

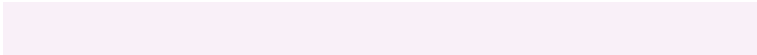


17.3705, -7.9263, -4.6009



# Inverse Universe

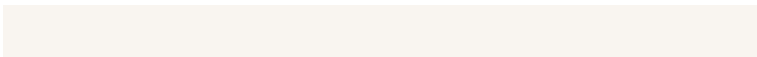
The Inverse Universe completely reimagines the original color for something new.



94.4664, -0.5988, 2.4584



96.7426, -0.1025, 2.2111



95.9060, -4.8503, 8.0470



43.5212, 0.3959, 0.7297



36.8793, 70.8041, -35.4493

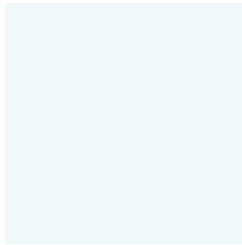


11.2642, 21.6905, -11.3272



# Previews

## White Background



This preview shows how the HunterLab color 96.1767, -7.5805, 3.8814 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

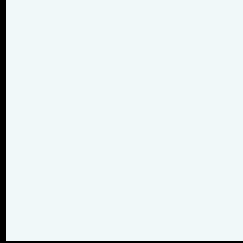
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 96.1767, -7.5805, 3.8814 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

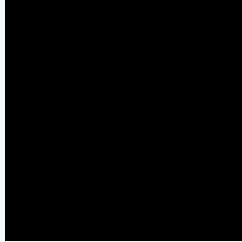
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

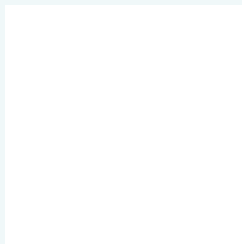
Any Text WCAG AAA ✓ Pass

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

# HunterLab 96.1767, -7.5805, 3.8814 Background



This preview shows how black text looks on a background with the HunterLab color 96.1767, -7.5805, 3.8814.



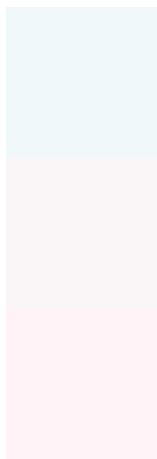
This preview shows how white text looks on a background with the HunterLab color 96.1767, -7.5805,

3.8814.

# 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

96.1767, -7.5805, 3.8814

### Protanopia

96.0959, -3.0989, 4.8673

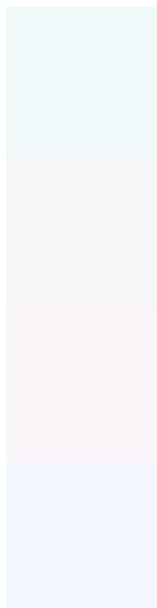
### Deuteranopia

95.9888, -0.1822, 4.2907

## **Tritanopia**

96.1998, -3.8362, 0.9019

# Trichromacy



## Original Color

96.1767, -7.5805, 3.8814

## Protanomaly

96.0634, -4.7701, 4.2989

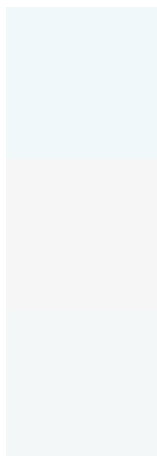
## Deuteranomaly

96.1281, -2.9231, 4.4081

## Tritanomaly

96.2643, -5.3746, 1.9880

# Monochromacy



## Original Color

96.1767, -7.5805, 3.8814

## Achromatopsia

95.9991, -5.1223, 5.2158

## Achromatomaly

96.1613, -6.1245, 4.8916

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 96.1767, -7.5805, 3.8814 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(240, 248, 249)` looks like.

```
.text, #text, p{  
    color:rgb(240, 248, 249)  
}
```

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(240, 248, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 248, 249) }
```

## Border

The CSS property to change the border of an element to HunterLab 96.1767, -7.5805, 3.8814 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(240, 248, 249) }
```



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

```
.border{ border-color:rgb(240, 248, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 248, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 248, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 248, 249);  
box-shadow:4px 4px 4px 4px rgb(240, 248,  
249) }
```

# Background

The CSS property to change the background color of an element to HunterLab 96.1767, -7.5805, 3.8814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 248, 249) }
```

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

```
.background{ background-color: rgb(240,  
248, 249) }
```

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