

# Converting Colors

HunterLab(97.0927, -3.9147,  
9.5602)

Have a look what the booklet for  
HunterLab(97.0927, -3.9147, 9.5602)  
contains.

<b>HunterLab(96.9911, -3.6794, 9.3072)</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(96.9911, -3.6794,  
9.3072)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFF7F0
RGB	255, 247, 240
RGB Percent	100%, 97%, 94%
CMY	0.0000, 0.0313, 0.0588
CMYK	0.00, 0.03, 0.06, 0.00
HSL	28°, 100%, 97%
HSV	28°, 6%, 100%
XYZ	90.2289, 94.0727, 95.8404
YIQ	248.5940, 7.0150, -0.4810

# Conversions

## Conversions Part 2

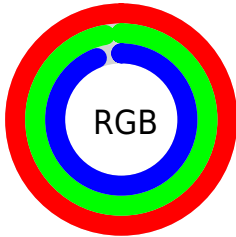
Format	Color
R <sub>Y</sub> B	255, 253, 240
Decimal	16775152
CIE Lab	97.66, 1.48, 4.30
CIE LCh	98, 4.545, 70.966
Yxy	94.0766, 0.3221, 0.3358
Android (android.graphics.Color)	4294965232 (0xFFFFF7F0)
YUV	248.5940, -4.2368, 5.6181
Hunter-Lab	96.9911, -3.6794, 9.3072

# Details

The HunterLab color 96.9911, -3.6794, 9.3072 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 96.3731, -6.4914, 1.0671, and the grayscale version is 97.1671, -5.1846, 5.2793.

A 20% lighter version of the original color is 100.0000, -5.3358, 5.4332, and 72.6141, -2.7604, 7.6696 is the 20% darker color. If you saturate the color by 10%, you get 92.0074, -0.5732, 15.4717, and if you desaturate by 10%, it is 100.0000, -5.3358, 5.4332.

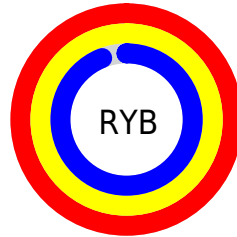
# Distribution



Red (100%)

Green (97%)

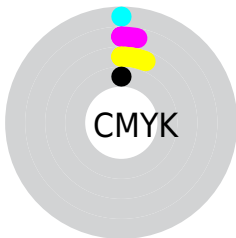
Blue (94%)



Red (100%)

Yellow (99%)

Blue (94%)

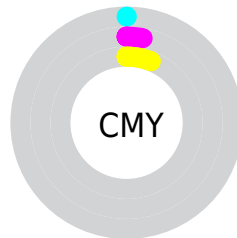


Cyan (0%)

Magenta (3%)

Yellow (6%)

Black (0%)



Cyan (0%)

Magenta (3%)


Yellow (6%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 96.9911, -3.6794, 9.3072 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 96.9911, -3.6794, 9.3072 by changing the saturation by 10% instead.



 96.9911, -3.6794,  
9.3072

 96.9911, -3.6794,  
9.3072

232.6380,  
-10.4227, 18.1090

 84.4788, -3.0809,  
8.4379

123.6884, -4.9824,  
11.1162

 72.5544, -2.5143,  
7.5895


137.8255, -5.6781,  
12.0527

 61.2508, -1.9847,  
6.7634

152.4636, -6.4027,  
13.0105

 50.6041, -1.4948,  
5.9592

167.5862, -7.1549,  
13.9894

 40.6576, -1.0477,  
5.1764

183.1780, -7.9338,  
14.9891

 31.4647, -0.6477,  
4.4133

199.2255, -8.7386,

 23.0930, -0.3004,

16.0091

3.6668

215.7160, -9.5685,  
17.0492

■ 15.6329, -0.0138,  
2.9305

■ 9.2104, 0.2093,  
2.4351

■ 96.9911, -3.6794,  
9.3072

■ 96.9911, -3.6794,  
9.3072

■ 92.0074, -0.5732,  
15.4717

100.0000, -5.3358,  
5.4332

■ 87.1939, 2.9381,  
21.0423

■ 82.5692, 6.8815,  
25.9484

■ 78.1512, 11.2821,  
30.1117

■ 73.9601, 16.1563,  
33.4503

■ 70.0170, 21.5057,  
35.8849

■ 66.3441, 27.3089,  
37.3499

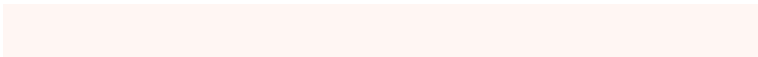
■ 62.9629, 33.5110,  
37.8123

■ 59.8917, 40.0094,  
37.3068

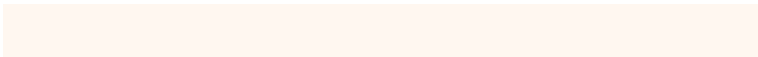
# Harmonies

## Analogous

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



96.9931, -1.6979, 8.0928



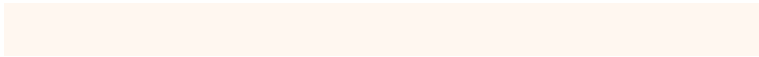
96.9911, -3.6794, 9.3072



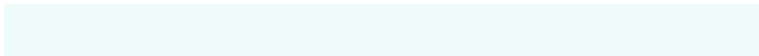
96.9931, -6.0502, 9.4602

# Triad

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



96.9931, -3.6823, 9.3086



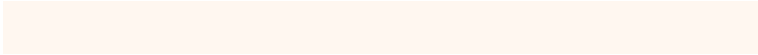
96.9931, -9.6360, 4.4471



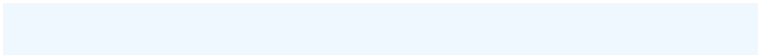
96.9931, -2.1595, 1.9318

# Complementary

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



96.9911, -3.6794, 9.3072



96.3731, -6.4914, 1.0671

# 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.



96.9931, -4.3077, 0.9042



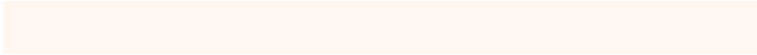
96.9911, -3.6794, 9.3072



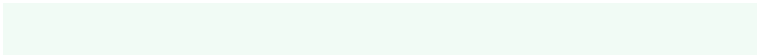
96.9931, -8.6147, 2.3796

# Square

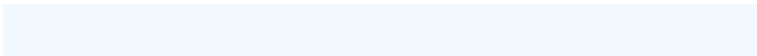
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



96.9931, -3.6823, 9.3086



96.9931, -9.4722, 6.6897



96.9931, -6.6696, 1.0700

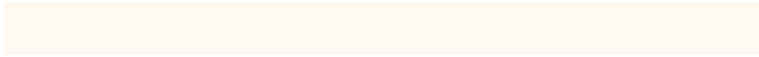


96.9931, -0.8128, 3.8480



# Rectangle

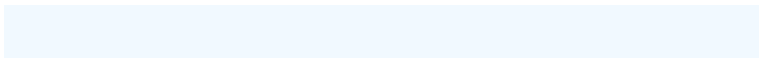
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96.9911, -3.6794, 9.3072



96.9931, -7.5258, 8.9416



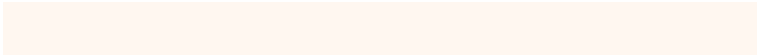
96.9931, -6.6696, 1.0700



96.9931, -2.8127, 1.4690

# Sweetspot

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



96.9931, -3.6823, 9.3086



98.9716, -4.7875, 6.7707



95.0571, 1.4218, 3.2067



45.8123, -2.2276, 3.1020

0.0000, NaN, NaN

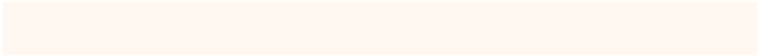


46.2646, -2.4686, 2.5136

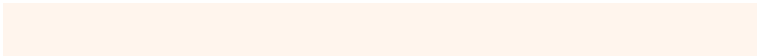


# Same Dimension

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



96.9931, -3.6823, 9.3086



96.4274, -3.3536, 10.0252



99.3744, -7.6292, 11.9145



44.4709, -1.4686, 4.8157



42.7855, 30.0395, 26.8901

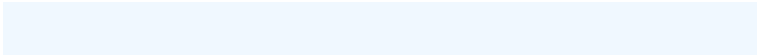


14.1373, 7.5401, 8.8434

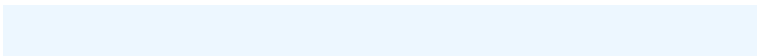


# Inverse Universe

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



96.3731, -6.4914, 1.0671



95.6904, -6.6928, 0.2276



94.0008, -2.5355, -1.7943



44.1007, -3.1455, -0.1049



36.4180, 5.7539, -57.9403

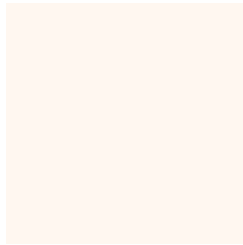


12.2888, 0.1334, -15.6480



# Previews

## White Background



This preview shows how the HunterLab color 96.9911, -3.6794, 9.3072 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

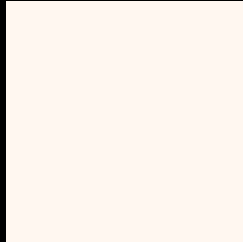
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 96.9911, -3.6794, 9.3072 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

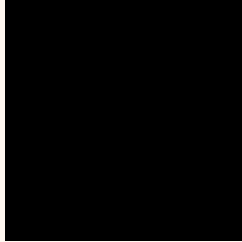
Any Text WCAG AA ✓ Pass

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 96.9911, -3.6794, 9.3072 Background



This preview shows how black text looks on a background with the HunterLab color 96.9911, -3.6794, 9.3072.



This preview shows how white text looks on a background with the HunterLab color 96.9911, -3.6794,



# 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**

96.9911, -3.6794, 9.3072

**Protanopia**

96.9911, -3.6794, 9.3072

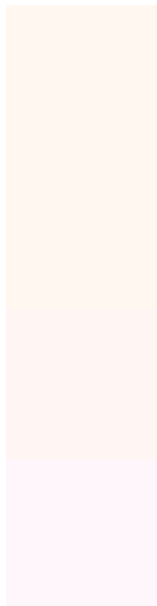
**Deuteranopia**

96.8953, -1.9559, 5.8278

## Tritanopia

96.9609, -1.2095, 1.8746

# Trichromacy



## Original Color

96.9911, -3.6794, 9.3072

## Protanomaly

96.9911, -3.6794, 9.3072

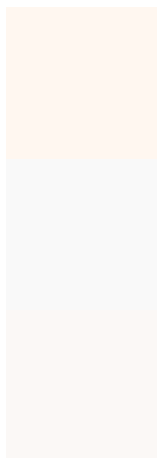
## Deuteranomaly

96.8004, -2.4727, 7.1823

## Tritanomaly

96.8940, -1.7676, 4.3324

# Monochromacy



## Original Color

96.9911, -3.6794, 9.3072

## Achromatopsia

97.3297, -5.1933, 5.2881

## Achromatomaly

97.1071, -4.5279, 6.5234

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 96.9911, -3.6794, 9.3072 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, 247, 240)` looks like.

```
.text, #text, p{  
  color:rgb(255, 247, 240)  
}
```

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, 247, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 247, 240) }
```

## Border

The CSS property to change the border of an element to HunterLab 96.9911, -3.6794, 9.3072 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, 247, 240) }
```



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

```
.border{ border-color:rgb(255, 247, 240) }
```

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

Here you see how a box with a 4 pixel rgb(255, 247, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 247, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 247, 240);  
box-shadow:4px 4px 4px 4px rgb(255, 247,  
240) }
```

# Background

The CSS property to change the background color of an element to HunterLab 96.9911, -3.6794, 9.3072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 247, 240) }
```

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

```
.background{ background-color: rgb(255,  
247, 240) }
```

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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