

# Converting Colors

HunterLab(117.4264, 63.0546,  
33.5134)

Have a look what the booklet for  
HunterLab(117.4264, 63.0546,  
33.5134) contains.

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# Color

**HunterLab(96.2398, -3.2868,  
10.3559)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFF5EC
RGB	255, 245, 236
RGB Percent	100%, 96%, 93%
CMY	0.0000, 0.0392, 0.0745
CMYK	0.00, 0.04, 0.07, 0.00
HSL	28°, 100%, 96%
HSV	28°, 7%, 100%
XYZ	89.0328, 92.6210, 92.5421
YIQ	246.9640, 8.8490, -0.6790

# Conversions

## Conversions Part 2

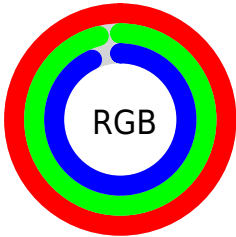
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 253, 236
Decimal	16774636
CIE Lab	97.08, 1.83, 5.51
CIE LCh	97, 5.805, 71.580
Yxy	92.6248, 0.3247, 0.3378
Android (android.graphics.Color)	4294964716 (0xFFFFF5EC)
YUV	246.9640, -5.4053, 7.0476
Hunter-Lab	96.2398, -3.2868, 10.3559

# Details

The HunterLab color  $96.2398, -3.2868, 10.3559$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $95.3741, -6.7028, -0.1619$ , and the grayscale version is  $96.4484, -5.1462, 5.2402$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $71.9001, -2.3785, 8.6559$  is the 20% darker color. If you saturate the color by 10%, you get  $91.3357, -0.2128, 16.4836$ , and if you desaturate by 10%, it is  $100.0000, -5.3358, 5.4332$ .

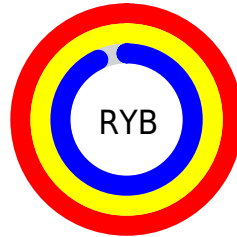
# Distribution



Red (100%)

Green (96%)

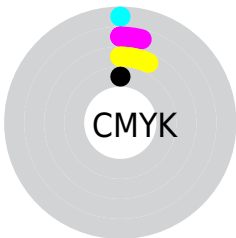
Blue (93%)



Red (100%)

Yellow (99%)

Blue (93%)



Cyan (0%)

Magenta (4%)

Yellow (7%)

Black (0%)



Cyan (0%)

Magenta (4%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 96.2398, -3.2868, 10.3559 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 96.2398, -3.2868, 10.3559 by changing the saturation by 10% instead.



96.2398, -3.2868,  
10.3559

96.2398, -3.2868,  
10.3559

231.6318, -9.8958,  
19.5549

83.7614, -2.7063,  
9.4328

122.8735, -4.5563,  
12.2650

71.8726, -2.1585,  
8.5277

136.9806, -5.2363,  
13.2484

60.6065, -1.6487,  
7.6413

151.5898, -5.9455,  
14.2514

49.9997, -1.1798,  
6.7725

166.6843, -6.6829,  
15.2739

40.0959, -0.7553,  
5.9197

182.2489, -7.4476,  
16.3157

30.9492, -0.3798,  
5.0796

198.2700, -8.2384,

22.6283, -0.0594,

17.3766

4.2468

214.7348, -9.0548,  
18.4564

■ 15.2253, 0.1968,  
3.4105

■ 8.8502, 0.4305,  
3.0615

■ 96.2398, -3.2868,  
10.3559

■ 96.2398, -3.2868,  
10.3559

■ 91.3357, -0.2128,  
16.4836

100.0000, -5.3358,  
5.4332

■ 86.6014, 3.2716,  
21.9961

■ 82.0551, 7.1925,  
26.8219

■ 77.7146, 11.5739,  
30.8824

73.5993, 16.4306,  
34.0970

69.7299, 21.7621,  
36.3895

66.1273, 27.5445,  
37.6998

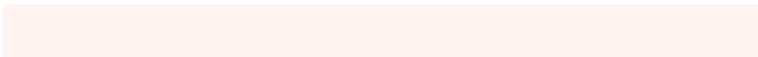
62.8119, 33.7196,  
38.0047

59.7994, 40.1774,  
37.3663

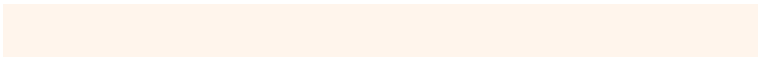
# Harmonies

## Analogous

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



96.2418, -0.7369, 8.8499



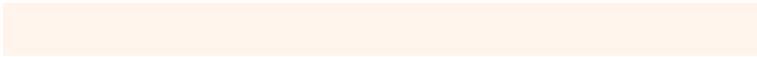
96.2398, -3.2868, 10.3559



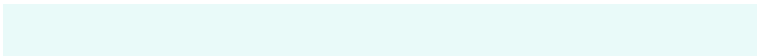
96.2418, -6.3087, 10.5189

# Triad

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



96.2418, -3.2898, 10.3572



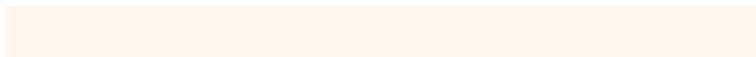
96.2418, -10.7898, 4.1179



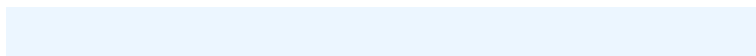
96.2418, -1.2375, 0.9937

# Complementary

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



96.2398, -3.2868, 10.3559



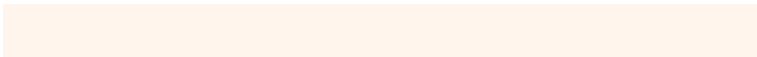
95.3741, -6.7028, -0.1619

# Split Complementary

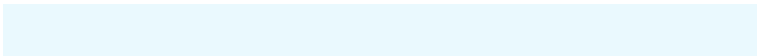
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.2418, -3.9664, -0.3588



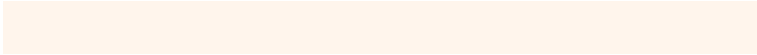
96.2398, -3.2868, 10.3559



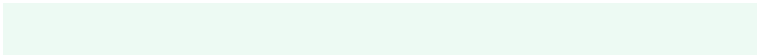
96.2418, -9.4661, 1.4819

# Square

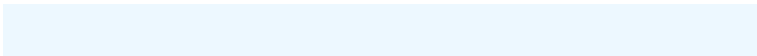
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



96.2418, -3.2898, 10.3572



96.2418, -10.6137, 6.9761



96.2418, -6.9771, -0.1774

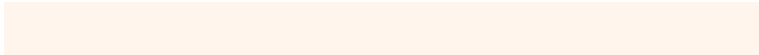


96.2418, 0.4581, 3.4683



# Rectangle

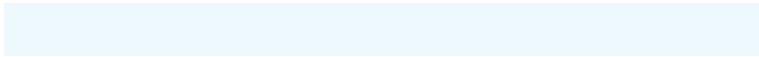
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96.2398, -3.2868, 10.3559



96.2418, -8.1768, 9.8481



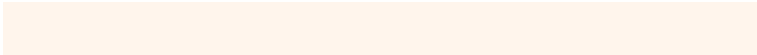
96.2418, -6.9771, -0.1774



96.2418, -2.0658, 0.3894

# Sweetspot

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



96.2418, -3.2898, 10.3572



98.9829, -4.8063, 6.7835



93.7625, 3.2381, 2.6312



45.8173, -2.2359, 3.1076

0.0000, NaN, NaN

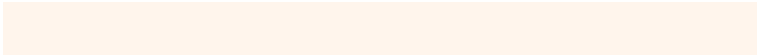


46.2646, -2.4686, 2.5136

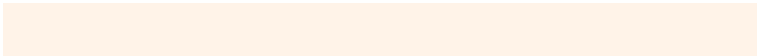


# Same Dimension

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



96.2418, -3.2898, 10.3572



95.4708, -2.8384, 11.3441



99.2133, -8.2111, 13.5664



44.0534, -1.2443, 5.3956



43.0468, 29.4104, 27.0401

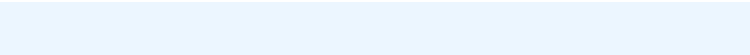


14.2165, 7.3628, 8.8890

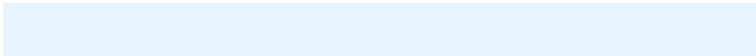


# Inverse Universe

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



95.3741, -6.7028, -0.1619



94.4243, -6.9541, -1.3432



92.4178, -1.7662, -3.7784



43.5424, -3.2539, -0.7999



36.0605, 6.4270, -58.9466

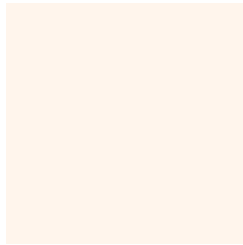


12.1860, 0.3116, -15.9041



# Previews

## White Background



This preview shows how the HunterLab color 96.2398, -3.2868, 10.3559 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

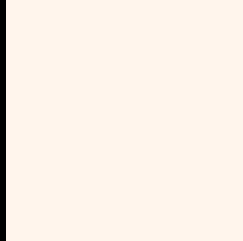
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 96.2398, -3.2868, 10.3559 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

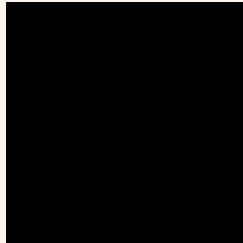
Any Text WCAG AA ✓ Pass

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 96.2398, -3.2868, 10.3559 Background



This preview shows how black text looks on a background with the HunterLab color 96.2398, -3.2868, 10.3559.



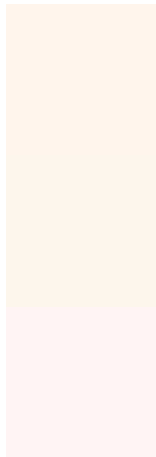
This preview shows how white text looks on a background with the HunterLab color 96.2398, -3.2868,



# 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

96.2398, -3.2868, 10.3559

### Protanopia

96.3589, -4.4933, 10.4686

### Deuteranopia

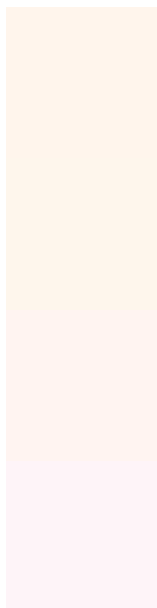
96.1733, -1.4099, 6.4726



## Tritanopia

96.1208, 0.7303, 0.8852

# Trichromacy



## Original Color

96.2398, -3.2868, 10.3559

## Protanomaly

96.4565, -4.1547, 10.5841

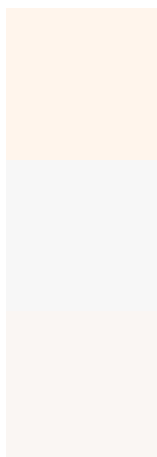
## Deuteranomaly

96.0793, -1.9216, 7.8159

## Tritanomaly

96.2027, -1.0535, 4.5292

# Monochromacy



## Original Color

96.2398, -3.2868, 10.3559

## Achromatopsia

96.4423, -5.1459, 5.2399

## Achromatomaly

96.2843, -4.3215, 7.0397

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 96.2398, -3.2868, 10.3559 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, 245, 236)` looks like.

```
.text, #text, p{  
    color:rgb(255, 245, 236)  
}
```

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, 245, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 245, 236) }
```

## Border

The CSS property to change the border of an element to HunterLab 96.2398, -3.2868, 10.3559 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, 245, 236) }
```



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

```
.border{ border-color:rgb(255, 245, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 245, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 245, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 245, 236);  
box-shadow:4px 4px 4px 4px rgb(255, 245,  
236) }
```

# Background

The CSS property to change the background color of an element to HunterLab 96.2398, -3.2868, 10.3559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 245, 236) }
```

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

```
.background{ background-color: rgb(255,  
245, 236) }
```

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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