

# Converting Colors

HunterLab(96.2109, -2.9888,  
9.7853)

Have a look what the booklet for  
HunterLab(96.2109, -2.9888, 9.7853)  
contains.

<b>HunterLab(96.2701, -3.1215, 9.9224)</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(96.2701, -3.1215,  
9.9224)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFF5ED
RGB	255, 245, 237
RGB Percent	100%, 96%, 93%
CMY	0.0000, 0.0392, 0.0706
CMYK	0.00, 0.04, 0.07, 0.00
HSL	27°, 100%, 96%
HSV	27°, 7%, 100%
XYZ	89.1786, 92.6793, 93.3095
YIQ	247.0780, 8.5280, -0.3680

# Conversions

## Conversions Part 2

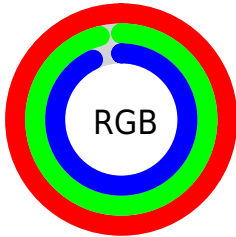
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 251, 237
Decimal	16774637
CIE Lab	97.10, 2.00, 5.03
CIE LCh	97, 5.409, 68.313
Yxy	92.6831, 0.3241, 0.3368
Android (android.graphics.Color)	4294964717 (0xFFFFF5ED)
YUV	247.0780, -4.9685, 6.9476
Hunter-Lab	96.2701, -3.1215, 9.9224

# Details

The HunterLab color 96.2701, -3.1215, 9.9224 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 95.7829, -6.9134, 0.3374, and the grayscale version is 96.4972, -5.1488, 5.2429.

A 20% lighter version of the original color is 100.0000, -5.3358, 5.4332, and 71.9285, -2.2233, 8.2484 is the 20% darker color. If you saturate the color by 10%, you get 91.1342, 0.3291, 15.8534, and if you desaturate by 10%, it is 100.0000, -5.3358, 5.4332.

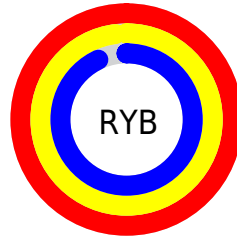
# Distribution



Red (100%)

Green (96%)

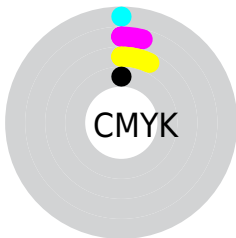
Blue (93%)



Red (100%)

Yellow (98%)

Blue (93%)

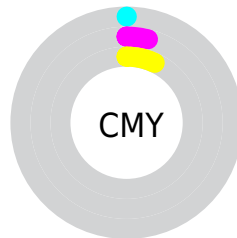


Cyan (0%)

Magenta (4%)

Yellow (7%)

Black (0%)



Cyan (0%)

Magenta (4%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 96.2701, -3.1215, 9.9224 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 96.2701, -3.1215, 9.9224 by changing the saturation by 10% instead.



96.2701, -3.1215,  
9.9224

96.2701, -3.1215,  
9.9224

231.6723, -9.6752,  
18.9592

83.7903, -2.5483,  
9.0212

122.9064, -4.3773,  
11.7906

71.9001, -2.0082,  
8.1392

137.0147, -5.0507,  
12.7549

60.6325, -1.5065,  
7.2773

151.6250, -5.7537,  
13.7395

50.0240, -1.0462,  
6.4348

166.7206, -6.4850,  
14.7441

40.1185, -0.6309,  
5.6104

182.2864, -7.2437,  
15.7687

30.9700, -0.2654,  
4.8015

198.3085, -8.0289,

22.6470, 0.0441,

16.8129

4.0035

214.7744, -8.8396,  
17.8765

■ 15.2417, 0.2882,  
3.2074

■ 8.8650, 0.5091,  
2.8329

■ 96.2701, -3.1215,  
9.9224

■ 96.2701, -3.1215,  
9.9224

■ 91.1342, 0.3291,  
15.8534

100.0000, -5.3358,  
5.4332

■ 86.1800, 4.1876,  
21.2167

■ 81.4279, 8.4812,  
25.9401

■ 76.8983, 13.2343,  
29.9425

■ 72.6141, 18.4606,  
33.1384

■ 68.5996, 24.1560,  
35.4441

■ 64.8804, 30.2889,  
36.7897

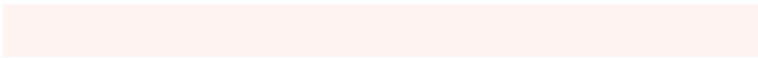
■ 61.4813, 36.7880,  
37.1409

■ 58.4232, 43.5251,  
36.5435

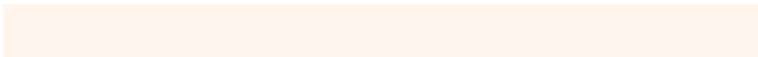
# Harmonies

## Analogous

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



96.2721, -0.8385, 8.3921



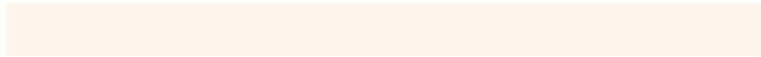
96.2701, -3.1215, 9.9224



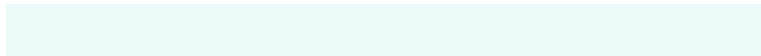
96.2721, -5.9269, 10.2191

# Triad

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



96.2721, -3.1245, 9.9237



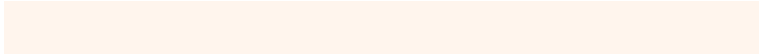
96.2721, -10.4633, 4.4895



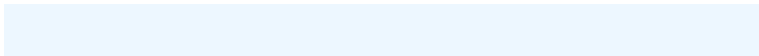
96.2721, -1.7479, 1.0930

# Complementary

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



96.2701, -3.1215, 9.9224



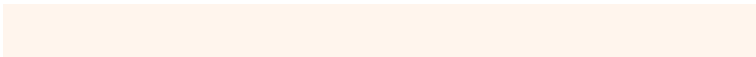
95.7829, -6.9134, 0.3374

# Split Complementary

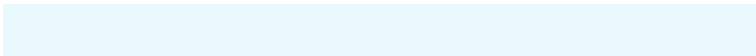
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.2721, -4.3546, -0.0194



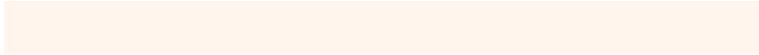
96.2701, -3.1215, 9.9224



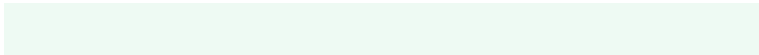
96.2721, -9.3712, 1.9783

# Square

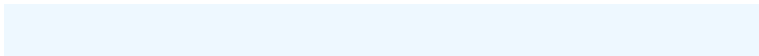
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



96.2721, -3.1245, 9.9237



96.2721, -10.1425, 7.1322



96.2721, -7.1430, 0.3092

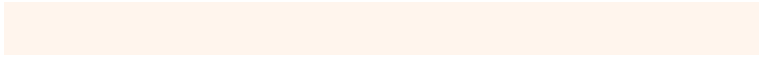


96.2721, -0.0373, 3.3093



# Rectangle

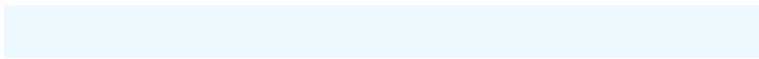
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96.2701, -3.1215, 9.9224



96.2721, -7.7073, 9.6836



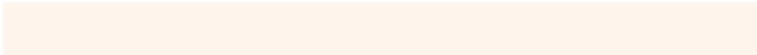
96.2721, -7.1430, 0.3092



96.2721, -2.5496, 0.5747

# Sweetspot

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



96.2721, -3.1245, 9.9237



98.9355, -4.7274, 6.7298



94.1049, 2.8896, 2.4942



45.7964, -2.2012, 3.0840

0.0000, NaN, NaN

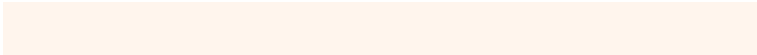


46.2646, -2.4686, 2.5136

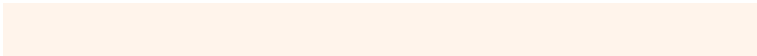


# Same Dimension

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



96.2721, -3.1245, 9.9237



95.7807, -2.8156, 10.5046



99.0613, -7.7527, 12.9508



43.9509, -1.0712, 5.2848



41.9695, 32.0366, 26.4223

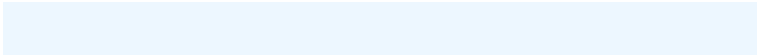


13.8885, 8.1058, 8.6999

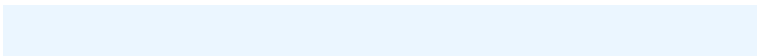


# Inverse Universe

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



95.7829, -6.9134, 0.3374



95.2269, -7.1057, -0.3506



93.0008, -2.2774, -3.0477



43.6470, -3.4253, -0.6724



37.5779, 3.6178, -54.7788

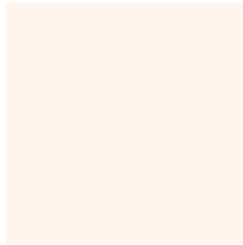


12.6213, -0.4327, -14.8413



# Previews

## White Background



This preview shows how the HunterLab color 96.2701, -3.1215, 9.9224 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

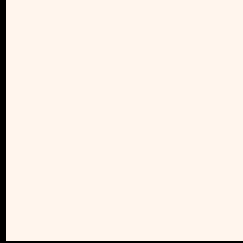
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 96.2701, -3.1215, 9.9224 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 96.2701, -3.1215, 9.9224 Background



This preview shows how black text looks on a background with the HunterLab color 96.2701, -3.1215, 9.9224.



This preview shows how white text looks on a background with the HunterLab color 96.2701, -3.1215, 9.9224.

9.9224.

# 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**

96.2701, -3.1215, 9.9224

**Protanopia**

96.3891, -4.3279, 10.0356

**Deuteranopia**

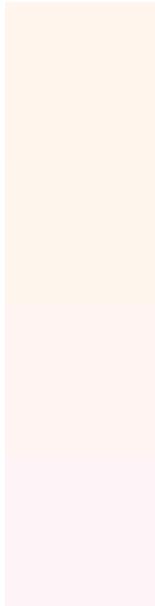
96.1733, -1.4099, 6.4726



## Tritanopia

96.4325, 0.1942, 1.2565

# Trichromacy



## Original Color

96.2701, -3.1215, 9.9224

## Protanomaly

96.4867, -3.9895, 10.1515

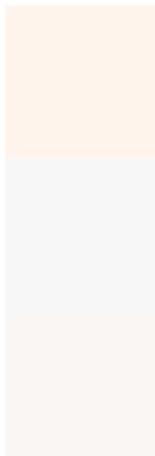
## Deuteranomaly

96.0793, -1.9216, 7.8159

## Tritanomaly

96.2027, -1.0535, 4.5292

# Monochromacy



## Original Color

96.2701, -3.1215, 9.9224

## 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 96.2701, -3.1215, 9.9224 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, 237)` looks like.

```
.text, #text, p{  
    color:rgb(255, 245, 237)  
}
```

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, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 245, 237) }
```

## Border

The CSS property to change the border of an element to HunterLab 96.2701, -3.1215, 9.9224 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, 237) }
```



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

```
.border{ border-color:rgb(255, 245, 237) }
```

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, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 245, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 245, 237);  
box-shadow:4px 4px 4px 4px rgb(255, 245,  
237) }
```

# Background

The CSS property to change the background color of an element to HunterLab 96.2701, -3.1215, 9.9224 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, 237) }
```

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

```
.background{ background-color: rgb(255,  
245, 237) }
```

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