

# Converting Colors

HunterLab(96.9606, -3.8464,  
9.7446)

Have a look what the booklet for  
HunterLab(96.9606, -3.8464, 9.7446)  
contains.

<b>HunterLab(96.9606, -3.8464, 9.7446)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(96.9606, -3.8464,  
9.7446)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFF7EF
RGB	255, 247, 239
RGB Percent	100%, 97%, 94%
CMY	0.0000, 0.0313, 0.0627
CMYK	0.00, 0.03, 0.06, 0.00
HSL	30°, 100%, 97%
HSV	30°, 6%, 100%
XYZ	90.0808, 94.0136, 95.0600
YIQ	248.4800, 7.3360, -0.7920

# Conversions

## Conversions Part 2

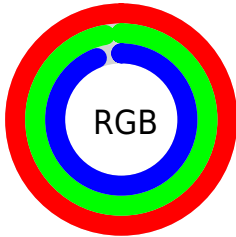
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 255, 239
Decimal	16775151
CIE <sub>Lab</sub>	97.64, 1.32, 4.78
CIE <sub>LCh</sub>	98, 4.955, 74.599
Yxy	94.0174, 0.3227, 0.3368
Android (android.graphics.Color)	4294965231 (0xFFFFF7EF)
YUV	248.4800, -4.6736, 5.7180
Hunter-Lab	96.9606, -3.8464, 9.7446

# Details

The HunterLab color 96.9606, -3.8464, 9.7446 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 95.9635, -6.2826, 0.5699, and the grayscale version is 97.1183, -5.1820, 5.2766.

A 20% lighter version of the original color is 100.0000, -5.3358, 5.4332, and 72.5853, -2.9177, 8.0818 is the 20% darker color. If you saturate the color by 10%, you get 92.2421, -1.1716, 16.1411, and if you desaturate by 10%, it is 100.0000, -5.3358, 5.4332.

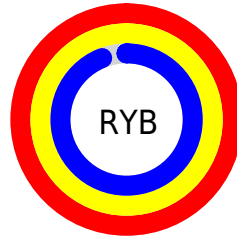
# Distribution



Red (100%)

Green (97%)

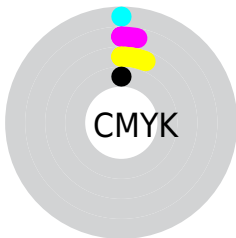
Blue (94%)



Red (100%)

Yellow (100%)

Blue (94%)

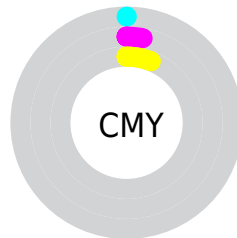


Cyan (0%)

Magenta (3%)

Yellow (6%)

Black (0%)



Cyan (0%)

Magenta (3%)


Yellow (6%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 96.9606, -3.8464, 9.7446 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 96.9606, -3.8464, 9.7446 by changing the saturation by 10% instead.




 96.9606, -3.8464,  
9.7446

 96.9606, -3.8464,  
9.7446


232.5972,  
-10.6457, 18.7072

 84.4496, -3.2406,  
8.8536


123.6553, -5.1634,  
11.5940

 72.5267, -2.6662,  
7.9824


137.7912, -5.8657,  
12.5494

 61.2246, -2.1284,  
7.1321


152.4282, -6.5966,  
13.5256

 50.5795, -1.6297,  
6.3021

167.5495, -7.3549,  
14.5221

 40.6348, -1.1733,  
5.4913

183.1403, -8.1398,  
15.5388

 31.4437, -0.7633,  
4.6976

199.1867, -8.9504,

 23.0741, -0.4050,

16.5754

3.9170

215.6762, -9.7860,  
17.6316

■ 15.6163, -0.1061,  
3.1416

■ 9.1961, 0.1324,  
2.6539

■ 96.9606, -3.8464,  
9.7446

■ 96.9606, -3.8464,  
9.7446

■ 92.2421, -1.1716,  
16.1411

100.0000, -5.3358,  
5.4332

■ 87.6815, 1.9118,  
21.8903

■ 83.2948, 5.4289,  
26.9228

■ 79.0974, 9.4040,  
31.1633

■ 75.1059, 13.8539,  
34.5357

■ 71.3376, 18.7825,  
36.9691

■ 67.8102, 24.1746,  
38.4086

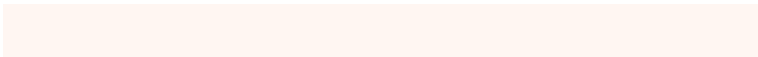
■ 64.5404, 29.9863,  
38.8336

■ 61.5414, 36.1328,  
38.2912

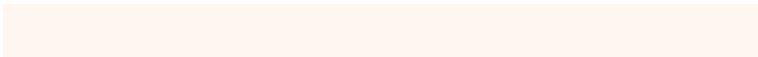
# Harmonies

## Analogous

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



96.9626, -1.5983, 8.5537



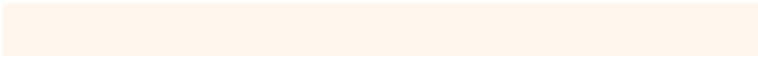
96.9606, -3.8464, 9.7446



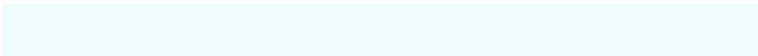
96.9626, -6.4340, 9.7623

# Triad

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



96.9626, -3.8494, 9.7459



96.9626, -9.9631, 4.0732



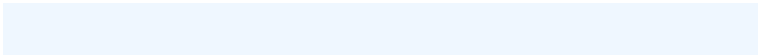
96.9626, -1.6485, 1.8350

# Complementary

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



96.9606, -3.8464, 9.7446



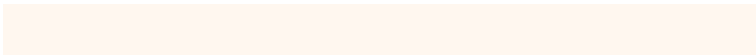
95.9635, -6.2826, 0.5699

# Split Complementary

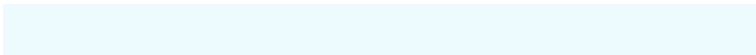
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.9626, -3.9173, 0.5686



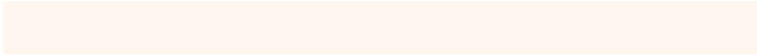
96.9606, -3.8464, 9.7446



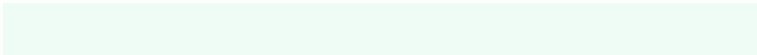
96.9626, -8.7082, 1.8837

# Square

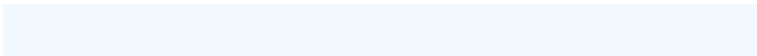
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



96.9626, -3.8494, 9.7459



96.9626, -9.9454, 6.5308



96.9626, -6.5012, 0.5867

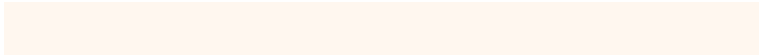


96.9626, -0.3185, 4.0081



# Rectangle

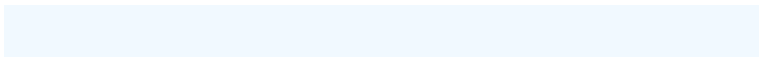
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



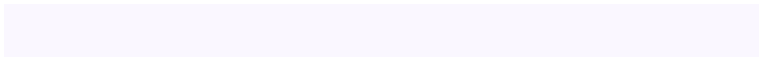
96.9606, -3.8464, 9.7446



96.9626, -7.9975, 9.1065



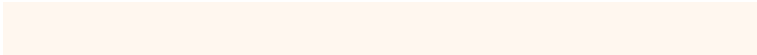
96.9626, -6.5012, 0.5867



96.9626, -2.3277, 1.2866

# Sweetspot

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



96.9626, -3.8494, 9.7459



99.0256, -4.8775, 6.8319



94.7151, 1.7813, 3.3100



45.8361, -2.2672, 3.1289

0.0000, NaN, NaN

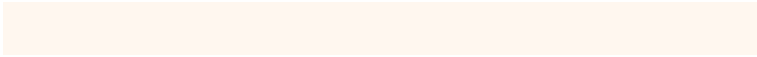


46.2646, -2.4686, 2.5136

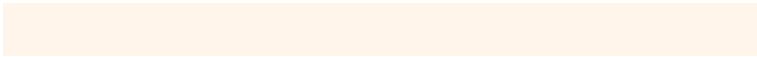


# Same Dimension

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



96.9626, -3.8494, 9.7459



96.1369, -3.4148, 10.8931



99.5048, -8.0553, 12.5146



44.1461, -1.4003, 5.4956



44.0656, 27.0035, 27.6257

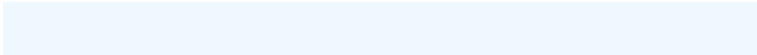


14.5226, 6.6882, 9.0658

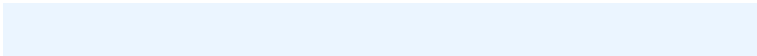


# Inverse Universe

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



95.9635, -6.2826, 0.5699



94.8651, -6.5112, -0.7877



93.4372, -2.0613, -2.4933



43.4481, -3.0992, -0.9151



34.7255, 9.0076, -62.8486

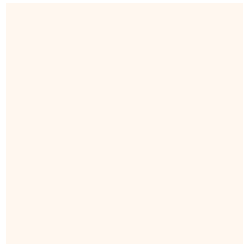


11.8004, 0.9939, -16.8950



# Previews

## White Background



This preview shows how the HunterLab color 96.9606, -3.8464, 9.7446 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

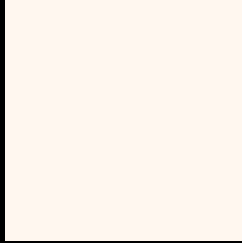
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 96.9606, -3.8464, 9.7446 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

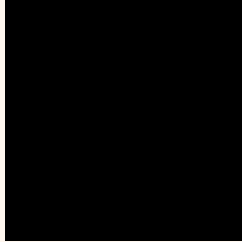
Any Text WCAG AA ✓ Pass

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 96.9606, -3.8464, 9.7446 Background



This preview shows how black text looks on a background with the HunterLab color 96.9606, -3.8464, 9.7446.



This preview shows how white text looks on a background with the HunterLab color 96.9606, -3.8464,

9.7446.

# 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**

96.9606, -3.8464, 9.7446

**Protanopia**

96.9606, -3.8464, 9.7446

**Deuteranopia**

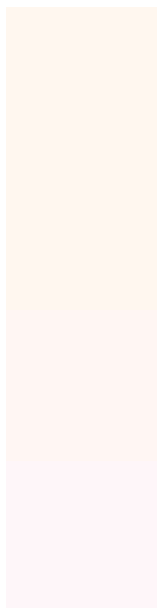
96.8635, -2.1290, 6.2814



## Tritanopia

96.9609, -1.2095, 1.8746

# Trichromacy



## Original Color

96.9606, -3.8464, 9.7446

## Protanomaly

96.9606, -3.8464, 9.7446

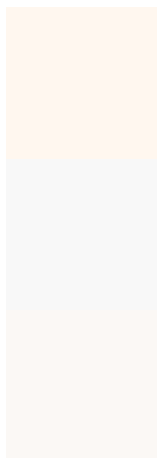
## Deuteranomaly

96.7691, -2.6434, 7.6295

## Tritanomaly

96.8617, -1.9434, 4.7929

# Monochromacy



## Original Color

96.9606, -3.8464, 9.7446

## Achromatopsia

96.8858, -5.1696, 5.2640

## Achromatomaly

97.0755, -4.7005, 6.9738

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 96.9606, -3.8464, 9.7446 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, 239)` looks like.

```
.text, #text, p{  
    color:rgb(255, 247, 239)  
}
```

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, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 247, 239) }
```

## Border

The CSS property to change the border of an element to HunterLab 96.9606, -3.8464, 9.7446 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, 239) }
```



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

```
.border{ border-color:rgb(255, 247, 239) }
```

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, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 247, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 247, 239);  
box-shadow:4px 4px 4px 4px rgb(255, 247,  
239) }
```

# Background

The CSS property to change the background color of an element to HunterLab 96.9606, -3.8464, 9.7446 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, 239) }
```

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

```
.background{ background-color: rgb(255,  
247, 239) }
```

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