

# Converting Colors

HunterLab(100.0000, 5.8813,  
16.2946)

Have a look what the booklet for  
HunterLab(100.0000, 5.8813,  
16.2946) contains.

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# Color

**HunterLab(96.7511, -4.9925,  
12.7459)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFF7E8
RGB	255, 247, 232
RGB Percent	100%, 97%, 91%
CMY	0.0000, 0.0313, 0.0902
CMYK	0.00, 0.03, 0.09, 0.00
HSL	39°, 100%, 95%
HSV	39°, 9%, 100%
XYZ	89.0663, 93.6078, 89.7177
YIQ	247.6820, 9.5830, -2.9690

# Conversions

## Conversions Part 2

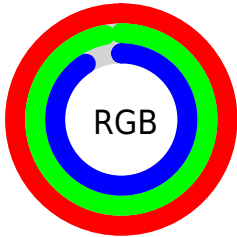
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	244, 255, 232
Decimal	16775144
CIE Lab	97.48, 0.17, 8.15
CIE LCh	97, 8.147, 88.797
Yxy	93.6116, 0.3270, 0.3437
Android (android.graphics.Color)	4294965224 (0xFFFFF7E8)
YUV	247.6820, -7.7312, 6.4179
Hunter-Lab	96.7511, -4.9925, 12.7459

# Details

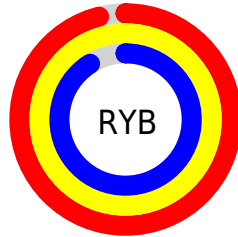
The HunterLab color **96.7511, -4.9925, 12.7459** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93.1094, -4.8037, -2.9546**, and the grayscale version is **96.7766, -5.1638, 5.2581**.

A 20% lighter version of the original color is **100.0000, -5.3358, 5.4332**, and **72.3892, -3.9909, 10.8943** is the 20% darker color. If you saturate the color by 10%, you get **93.2593, -4.2296, 20.0651**, and if you desaturate by 10%, it is **100.0000, -5.3358, 5.4332**.

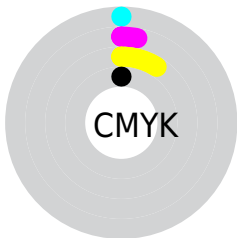
# Distribution



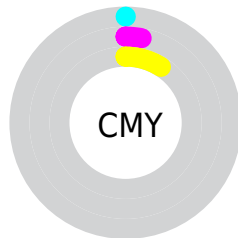
- Red (100%)
- Green (97%)
- Blue (91%)



- Red (96%)
- Yellow (100%)
- Blue (91%)



- Cyan (0%)
- Magenta (3%)
- Yellow (9%)
- Black (0%)



- Cyan (0%)
- Magenta (3%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 96.7511, -4.9925, 12.7459 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 96.7511, -4.9925, 12.7459 by changing the saturation by 10% instead.



96.7511, -4.9925,  
12.7459

96.7511, -4.9925,  
12.7459

232.3167,  
-12.1777, 22.8510

84.2496, -4.3354,  
11.7003

123.4282, -6.4056,  
14.8831

72.3366, -3.7072,  
10.6659

137.5557, -7.1533,  
15.9736

61.0450, -3.1127,  
9.6421

152.1846, -7.9280,  
17.0797

50.4110, -2.5539,  
8.6263

167.2982, -8.7289,  
18.2017

40.4781, -2.0331,  
7.6143

182.8813, -9.5549,  
19.3397

31.2999, -1.5535,  
6.5998

198.9204,

22.9444, -1.1188,

-10.4056, 20.4940

5.5718

215.4027,  
-11.2800, 21.6644

■ 15.5024, -0.7344,  
4.5110

■ 9.0970, -0.4040,  
4.2065

■ 96.7511, -4.9925,  
12.7459

■ 96.7511, -4.9925,  
12.7459

■ 93.2593, -4.2296,  
20.0651

100.0000, -5.3358,  
5.4332

■ 89.8831, -3.0349,  
26.4952

■ 86.6306, -1.3926,  
31.9820

■ 83.5078, 0.7121,  
36.4747

■ 80.5202, 3.2879,  
39.9315

■ 77.6729, 6.3351,  
42.3259

■ 74.9694, 9.8415,  
43.6562

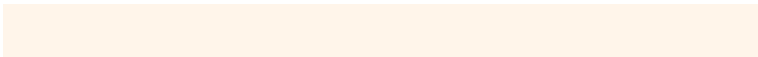
■ 72.4110, 13.7775,  
43.9609

■ 69.9925, 18.0732,  
43.3846

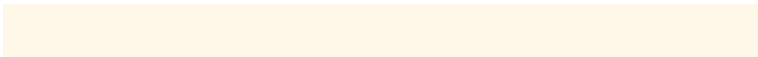
# Harmonies

## Analogous

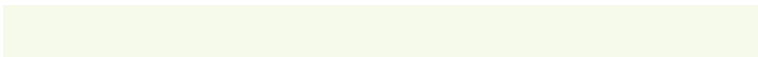
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.7531, -0.8815, 11.7056



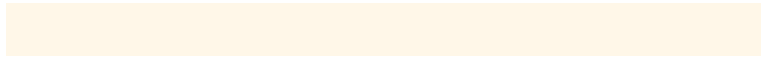
96.7511, -4.9925, 12.7459



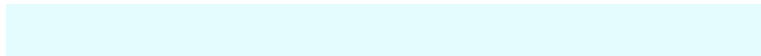
96.7531, -9.0872, 11.8578

# Triad

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



96.7531, -4.9954, 12.7472



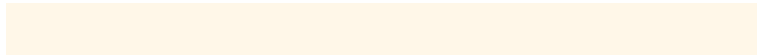
96.7531, -12.2512, 1.4320



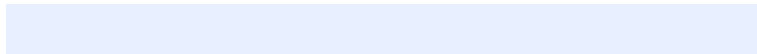
96.7531, 1.9485, 1.1364

# Complementary

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



96.7511, -4.9925, 12.7459



93.1094, -4.8037, -2.9546

# Split Complementary

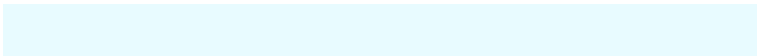
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.7531, -1.1847, -1.8237



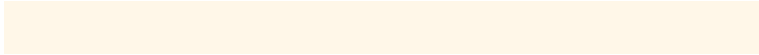
96.7511, -4.9925, 12.7459



96.7531, -9.3805, -1.6479

# Square

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



96.7531, -4.9954, 12.7472



96.7531, -13.2324, 5.4302



96.7531, -5.3398, -2.8637

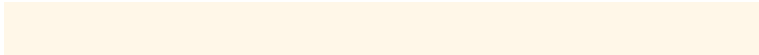


96.7531, 3.1702, 5.1026



# Rectangle

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



96.7511, -4.9925, 12.7459



96.7531, -11.2620, 10.2667



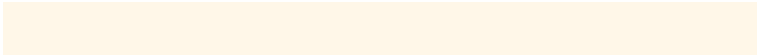
96.7531, -5.3398, -2.8637



96.7531, 1.0813, -0.0156

# Sweetspot

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



96.7531, -4.9954, 12.7472



98.9102, -5.2584, 7.9385



92.3410, 4.3229, 4.0186



45.6264, -2.4204, 3.9769

0.0000, NaN, NaN

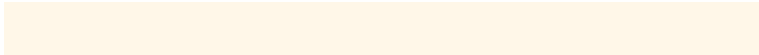


46.2646, -2.4686, 2.5136

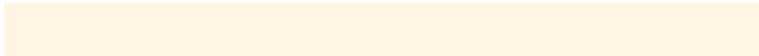


# Same Dimension

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



96.7531, -4.9954, 12.7472



96.0519, -4.8768, 14.2648



98.9737, -10.3327, 15.0717



44.6827, -2.2984, 6.0709



50.7140, 12.8088, 31.4740

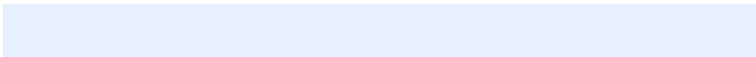


16.4582, 2.7772, 10.1901

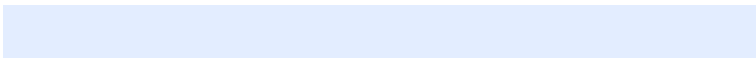


# Inverse Universe

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



93.1094, -4.8037, -2.9546



91.6173, -4.6398, -4.8523



90.9249, 0.5203, -5.6549



42.9071, -2.2046, -1.5812



27.7935, 24.6252, -87.8982

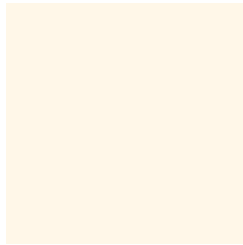


9.7325, 5.1283, -23.2353



# Previews

## White Background



This preview shows how the HunterLab color 96.7511, -4.9925, 12.7459 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

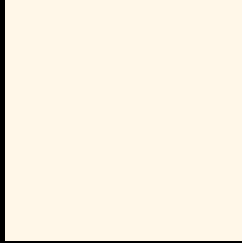
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 96.7511, -4.9925, 12.7459 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

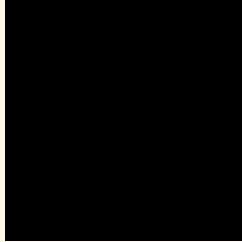
Any Text WCAG AA ✓ Pass

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 96.7511, -4.9925, 12.7459 Background



This preview shows how black text looks on a background with the HunterLab color 96.7511, -4.9925, 12.7459.



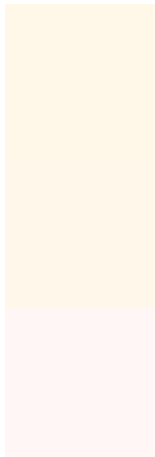
This preview shows how white text looks on a background with the HunterLab color 96.7511, -4.9925,

12.7459.

# 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

96.7511, -4.9925, 12.7459

### Protanopia

96.8101, -4.6691, 11.8990

### Deuteranopia

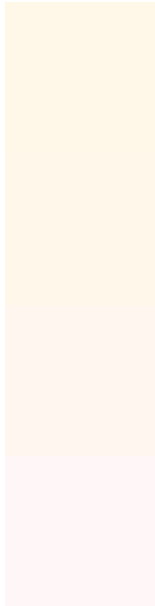
96.8319, -2.3013, 6.7329



## Tritanopia

96.7448, -0.3413, 1.6275

# Trichromacy



## Original Color

96.7511, -4.9925, 12.7459

## Protanomaly

96.7805, -4.8312, 12.3235

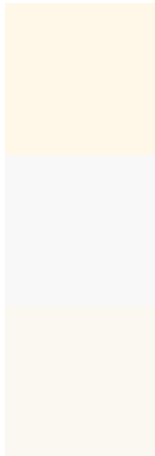
## Deuteranomaly

96.6762, -3.1504, 8.9582

## Tritanomaly

96.7976, -2.2926, 5.7074

# Monochromacy



## Original Color

96.7511, -4.9925, 12.7459

## Achromatopsia

96.8858, -5.1696, 5.2640

## Achromatomaly

96.9819, -5.2135, 8.3123

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 96.7511, -4.9925, 12.7459 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, 232)` looks like.

```
.text, #text, p{  
    color:rgb(255, 247, 232)  
}
```

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, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 247, 232) }
```

## Border

The CSS property to change the border of an element to HunterLab 96.7511, -4.9925, 12.7459 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, 232) }
```



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

```
.border{ border-color:rgb(255, 247, 232) }
```

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, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 247, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 247, 232);  
box-shadow:4px 4px 4px 4px rgb(255, 247,  
232) }
```

# Background

The CSS property to change the background color of an element to HunterLab 96.7511, -4.9925, 12.7459 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, 232) }
```

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

```
.background{ background-color: rgb(255,  
247, 232) }
```

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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