

# Converting Colors

HunterLab(96.4303, -6.7038,  
15.0625)

Have a look what the booklet for  
HunterLab(96.4303, -6.7038,  
15.0625) contains.

<b>HunterLab(96.3821, -6.6254, 15.0129)</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(96.3821, -6.6254,  
15.0129)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FDF7E2
RGB	253, 247, 226
RGB Percent	99%, 97%, 89%
CMY	0.0078, 0.0313, 0.1137
CMYK	0.00, 0.02, 0.11, 0.01
HSL	47°, 87%, 94%
HSV	47°, 11%, 99%
XYZ	87.4962, 92.8951, 85.2704
YIQ	246.4000, 10.3170, -5.2590

# Conversions

## Conversions Part 2

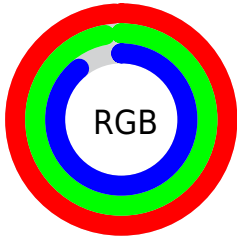
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">234, 253, 226</a>
Decimal	<a href="#">16644066</a>
CIELab	<a href="#">97.19, -1.48, 10.80</a>
CIELCh	<a href="#">97, 10.899, 97.785</a>
Yxy	<a href="#">92.8992, 0.3294, 0.3497</a>
Android (android.graphics.Color)	<a href="#">4294834146 (0xFFFD7E2)</a>
YUV	<a href="#">246.4000, -10.0572, 5.7882</a>
Hunter-Lab	<a href="#">96.3821, -6.6254, 15.0129</a>

# Details

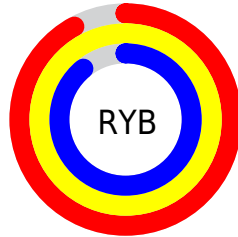
The HunterLab color **96.3821, -6.6254, 15.0129** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89.9846, -2.8457, -5.8320**, and the grayscale version is **96.2180, -5.1340, 5.2277**.

A 20% lighter version of the original color is **100.0000, -5.3358, 5.4332**, and **72.0678, -5.3817, 12.6166** is the 20% darker color. If you saturate the color by 10%, you get **93.9290, -7.4311, 22.9844**, and if you desaturate by 10%, it is **98.9344, -5.3869, 6.0241**.

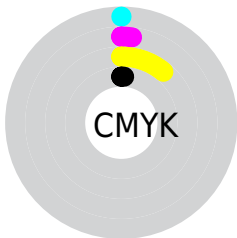
# Distribution



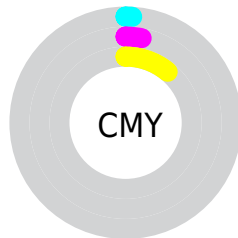
- Red (99%)
- Green (97%)
- Blue (89%)



- Red (92%)
- Yellow (99%)
- Blue (89%)



- Cyan (0%)
- Magenta (2%)
- Yellow (11%)
- Black (1%)



- Cyan (1%)
- Magenta (3%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 96.3821, -6.6254, 15.0129 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 96.3821, -6.6254, 15.0129 by changing the saturation by 10% instead.



96.3821, -6.6254,  
15.0129

96.3821, -6.6254,  
15.0129

231.8226,  
-14.3675, 26.0354

83.8974, -5.8937,  
13.8423

123.0280, -8.1772,  
17.3824

72.0019, -5.1877,  
12.6755

137.1409, -8.9905,  
18.5815

60.7286, -4.5110,  
11.5105

151.7555, -9.8285,  
19.7920

50.1142, -3.8648,  
10.3430

166.8553,  
-10.6906, 21.0146

40.2023, -3.2504,  
9.1660

182.4251,  
-11.5761, 22.2499

31.0468, -2.6693,  
7.9693

198.4512,

22.7163, -2.1230,

-12.4845, 23.4983

6.7361

214.9209,  
-13.4151, 24.7600

■ 15.3024, -1.6129,  
5.4367

■ 8.9197, -1.1976,  
5.5036

■ 96.3821, -6.6254,  
15.0129

■ 96.3821, -6.6254,  
15.0129

■ 93.9290, -7.4311,  
22.9844

■ 98.9344, -5.3869,  
6.0241

■ 91.5711, -7.7842,  
29.8954

■ 99.8112, -5.9929,  
5.1993

■ 89.3123, -7.6784,  
35.7161

■ 87.1538, -7.1098,  
40.4255

■ 85.0960, -6.0807,  
44.0169

■ 83.1381, -4.6015,  
46.5032

■ 81.2777, -2.6929,  
47.9241

■ 79.5100, -0.3907,  
48.3586

■ 77.9329, 2.0389,  
48.0576

# Harmonies

## Analogous

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



96.3842, -0.9695, 14.4072



96.3821, -6.6254, 15.0129



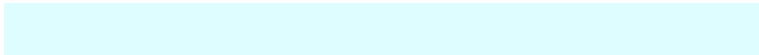
96.3842, -11.7710, 13.1271

# Triad

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



96.3842, -6.6280, 15.0143



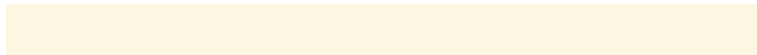
96.3842, -13.6570, -1.3620



96.3842, 5.2087, 1.2212

# Complementary

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



96.3821, -6.6254, 15.0129



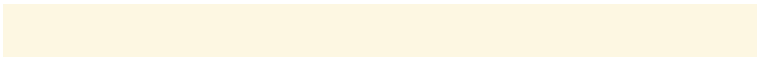
89.9846, -2.8457, -5.8320

# Split Complementary

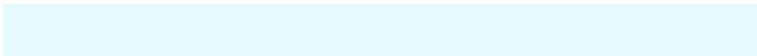
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.3842, 1.6589, -3.3615



96.3821, -6.6254, 15.0129



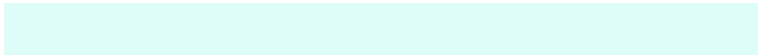
96.3842, -9.2565, -4.9122

# Square

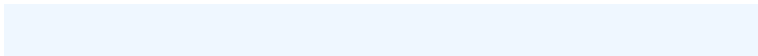
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



96.3842, -6.6280, 15.0143



96.3842, -15.7674, 3.8236



96.3842, -3.6590, -5.6644

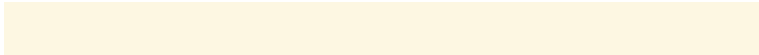


96.3842, 5.9520, 6.6479

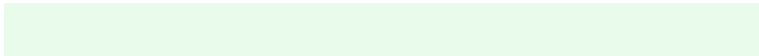


# Rectangle

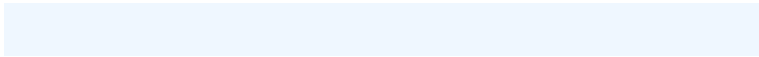
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96.3821, -6.6254, 15.0129



96.3842, -14.2457, 10.6401



96.3842, -3.6590, -5.6644



96.3842, 4.3002, -0.4781

# Sweetspot

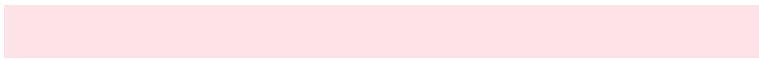
The Sweet Spot groups the original color and five complimentary colors.



96.3842, -6.6280, 15.0143



99.2159, -5.7658, 8.2811



90.0666, 5.5182, 5.1907



45.8056, -2.7176, 4.1764

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

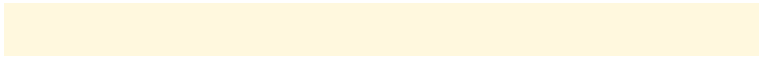


# Same Dimension

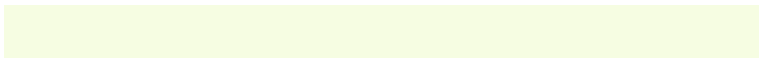
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.3842, -6.6280, 15.0143



96.6639, -6.9167, 17.1196



97.6213, -12.1429, 16.2410



45.1288, -3.0370, 6.5447



57.0399, 1.1410, 35.1677



18.2437, -0.4069, 11.2346



# Inverse Universe

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



89.9846, -2.8457, -5.8320



88.8151, -2.2683, -8.4692



88.7937, 2.6124, -7.2916



42.4637, -1.4632, -2.1336



23.3704, 37.5891, -110.3551

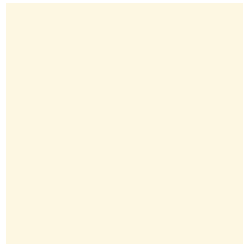


8.2801, 8.7373, -29.2107



# Previews

## White Background



This preview shows how the HunterLab color 96.3821, -6.6254, 15.0129 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

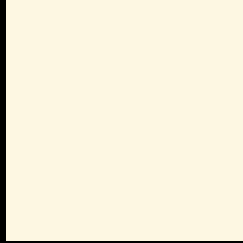
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 96.3821, -6.6254, 15.0129 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

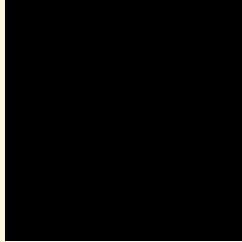
Any Text WCAG AA ✓ Pass

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 96.3821, -6.6254, 15.0129 Background



This preview shows how black text looks on a background with the HunterLab color 96.3821, -6.6254, 15.0129.



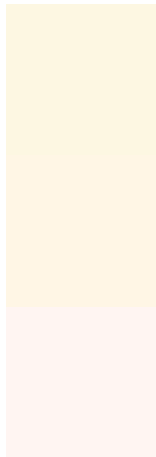
This preview shows how white text looks on a background with the HunterLab color 96.3821, -6.6254,



# 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

96.3821, -6.6254, 15.0129

### Protanopia

96.3476, -4.9464, 13.6653

### Deuteranopia

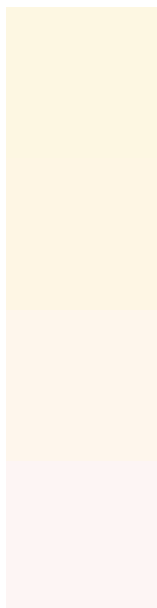
96.4239, -2.2828, 7.7226



## Tritanopia

96.3348, -0.1401, 1.1316

# Trichromacy



## Original Color

96.3821, -6.6254, 15.0129

## Protanomaly

96.2205, -5.4467, 13.9677

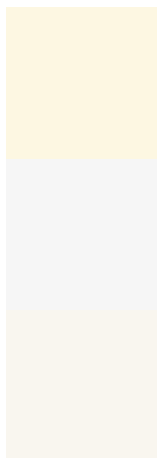
## Deuteranomaly

96.4565, -4.1547, 10.5841

## Tritanomaly

96.2908, -2.6167, 6.5883

# Monochromacy



## Original Color

96.3821, -6.6254, 15.0129

## Achromatopsia

95.9991, -5.1223, 5.2158

## Achromatomaly

96.0642, -5.3349, 8.7002

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 96.3821, -6.6254, 15.0129 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(253, 247, 226)` looks like.

```
.text, #text, p{  
    color:rgb(253, 247, 226)  
}
```

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(253, 247, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 247, 226) }
```

## Border

The CSS property to change the border of an element to HunterLab 96.3821, -6.6254, 15.0129 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(253, 247, 226) }
```



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

```
.border{ border-color:rgb(253, 247, 226) }
```

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

Here you see how a box with a 4 pixel rgb(253, 247, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 247, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 247, 226);  
box-shadow:4px 4px 4px 4px rgb(253, 247,  
226) }
```

# Background

The CSS property to change the background color of an element to HunterLab 96.3821, -6.6254, 15.0129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 247, 226) }
```

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

```
.background{ background-color: rgb(253,  
247, 226) }
```

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