

# Converting Colors

HunterLab(84.4742, -11.7359,  
26.8322)

Have a look what the booklet for  
HunterLab(84.4742, -11.7359,  
26.8322) contains.

<b>HunterLab(84.3374, -11.5485, 26.7409)</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(84.3374,  
-11.5485, 26.7409)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2DEA5
RGB	226, 222, 165
RGB Percent	89%, 87%, 65%
CMY	0.1137, 0.1294, 0.3529
CMYK	0.00, 0.02, 0.27, 0.11
HSL	56°, 51%, 77%
HSV	56°, 27%, 89%
XYZ	64.2769, 71.1280, 45.9386
YIQ	216.6980, 20.6810, -16.8790

# Conversions

## Conversions Part 2

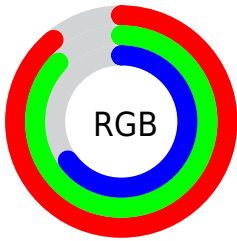
Format	Color
<a href="#">RYB</a>	<a href="#">169, 226, 165</a>
Decimal	<a href="#">14868133</a>
<a href="#">CIELab</a>	<a href="#">87.55, -7.45, 28.53</a>
<a href="#">CIELCh</a>	<a href="#">88, 29.483, 104.637</a>
<a href="#">Yxy</a>	<a href="#">71.1312, 0.3544, 0.3922</a>
Android (android.graphics.Color)	<a href="#">4293058213</a> ( <a href="#">0xFFE2DEA5</a> )
<a href="#">YUV</a>	<a href="#">216.6980, -25.4871, 8.1579</a>
<a href="#">Hunter-Lab</a>	<a href="#">84.3374, -11.5485, 26.7409</a>

# Details

The HunterLab color **84.3374, -11.5485, 26.7409** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **64.7033, 6.5879, -25.9468**, and the grayscale version is **83.2703, -4.4431, 4.5242**.

A 20% lighter version of the original color is **98.9683, -11.0173, 20.2271**, and **61.1357, -9.5357, 22.3535** is the 20% darker color. If you saturate the color by 10%, you get **83.4247, -13.3168, 32.8724**, and if you desaturate by 10%, it is **85.3334, -9.3587, 19.5176**.

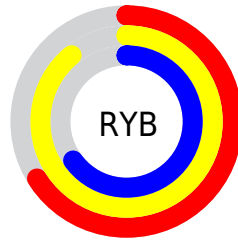
# Distribution



Red (89%)

Green (87%)

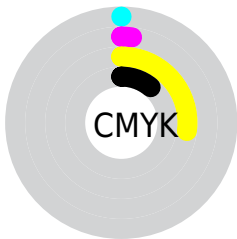
Blue (65%)



Red (66%)

Yellow (89%)

Blue (65%)

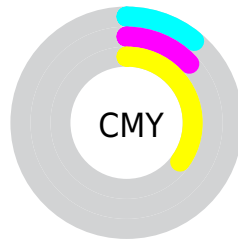


Cyan (0%)

Magenta (2%)

Yellow (27%)

Black (11%)



Cyan (11%)

Magenta (13%)


Yellow (35%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 84.3374, -11.5485, 26.7409 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 84.3374, -11.5485, 26.7409 by changing the saturation by 10% instead.





 84.3374, -11.5485,  
26.7409


 84.3374, -11.5485,  
26.7409


215.5254,  
-21.2204, 44.4504

 72.4219, -10.5536,  
24.6203


 109.9184,  
-13.5886, 30.8443

 61.1255, -9.5688,  
22.4347

 123.5300,  
-14.6303, 32.8434

 50.4865, -8.5945,  
20.1669


137.6613,  
-15.6880, 34.8169

 40.5483, -7.6277,  
17.7919

152.2938,  
-16.7617, 36.7699

 31.3644, -6.6634,  
15.2739

167.4109,  
-17.8518, 38.7066

 23.0025, -5.6934,  
12.5615

182.9975,

 15.5534, -4.7027,

-18.9583, 40.6304

10.4264

199.0398,  
-20.0811, 42.5442

■ 9.1416, -4.0395,  
6.3991

0.0000, NaN, NaN

■ 84.3374, -11.5485,  
26.7409

■ 84.3374, -11.5485,  
26.7409

■ 83.4247, -13.3168,  
32.8724

■ 85.3334, -9.3587,  
19.5176

■ 82.5876, -14.6622,  
37.9219

■ 86.4083, -6.7381,  
11.1987

■ 81.8252, -15.5988,  
41.9168

■ 87.5650, -3.6919,  
1.7948

■ 81.1339, -16.1440,  
44.8993

■ 88.7890, -0.3053,  
-8.4695

■ 80.5091, -16.3226,  
46.9309

■ 89.2481, -1.0892,  
-7.8753

■ 79.9446, -16.1685,  
48.0969

■ 89.7088, -1.8717,  
-7.2824

■ 79.4316, -15.7310,  
48.5242

■ 90.1711, -2.6528,  
-6.6907

■ 79.2824, -15.5716,  
48.5808

■ 90.6348, -3.4325,  
-6.1003

■ 91.1001, -4.2108,  
-5.5111

# Harmonies

## Analogous

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



84.3393, 3.1403, 26.6793



84.3374, -11.5485, 26.7409



84.3393, -23.5177, 21.6181

# Triad

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



84.3393, -11.5510, 26.7419



84.3393, -23.7488, -16.6459



84.3393, 24.6170, -2.8731

# Complementary

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



84.3374, -11.5485, 26.7409



64.7033, 6.5879, -25.9468

# Split Complementary

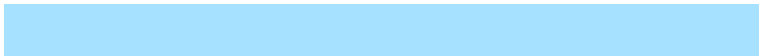
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.3393, 16.3577, -16.9476



84.3374, -11.5485, 26.7409



84.3393, -11.8867, -25.7817

# Square

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



84.3393, -11.5510, 26.7419



84.3393, -30.2246, -2.5137



84.3393, 2.7809, -25.9008



84.3393, 24.7224, 11.1265



# Rectangle

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



84.3374, -11.5485, 26.7409



84.3393, -28.6287, 15.3475



84.3393, 2.7809, -25.9008



84.3393, 22.6783, -7.8006

# Sweetspot

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



84.3393, -11.5510, 26.7419



98.9473, -8.0692, 13.9148



67.7842, 18.2794, 9.2264



45.6891, -3.9547, 7.1339

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



84.3393, -11.5510, 26.7419



96.1512, -14.3637, 34.4924



83.2644, -22.0334, 25.5730



39.8343, -3.4313, 6.1681



59.9404, -11.8485, 36.7276



15.9291, -3.3434, 9.7569



# Inverse Universe

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



64.7033, 6.5879, -25.9468



69.4892, 10.5326, -37.7185



65.9809, 16.4949, -23.7095



36.5877, -0.4898, -2.3989



18.3960, 45.0182, -120.1747



5.3480, 9.9087, -28.0746



# Previews

## White Background



This preview shows how the HunterLab color 84.3374, -11.5485, 26.7409 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

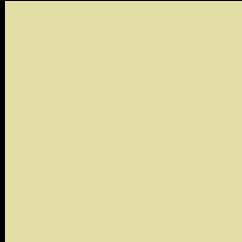
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 84.3374, -11.5485, 26.7409 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

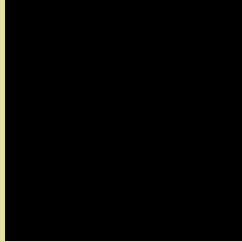
Any Text WCAG AA ✓ Pass

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 84.3374, -11.5485, 26.7409 Background



This preview shows how black text looks on a background with the HunterLab color 84.3374, -11.5485, 26.7409.



This preview shows how white text looks on a background with the HunterLab color 84.3374,

-11.5485, 26.7409.

# 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

84.3374, -11.5485, 26.7409

### Protanopia

84.2648, -7.0328, 27.0881

### Deuteranopia

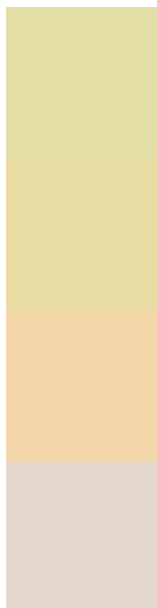
84.1588, 5.3923, 24.4562



## Tritanopia

84.1392, 5.5220, -0.8104

# Trichromacy



## Original Color

84.3374, -11.5485, 26.7409

## Protanomaly

84.2749, -8.5934, 27.0699

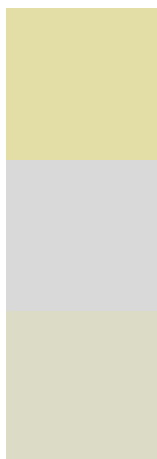
## Deuteranomaly

84.0824, -1.1511, 25.3228

## Tritanomaly

83.9981, -1.1092, 10.5236

# Monochromacy



## Original Color

84.3374, -11.5485, 26.7409

## Achromatopsia

83.2990, -4.4446, 4.5258

## Achromatomaly

83.6396, -7.5644, 13.5335

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 84.3374, -11.5485, 26.7409 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(226, 222, 165)` looks like.

```
.text, #text, p{  
    color:rgb(226, 222, 165)  
}
```

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(226, 222, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 222, 165) }
```

## Border

The CSS property to change the border of an element to HunterLab 84.3374, -11.5485, 26.7409 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(226, 222, 165) }
```



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

```
.border{ border-color:rgb(226, 222, 165) }
```

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

Here you see how a box with a 4 pixel rgb(226, 222, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 222, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 222, 165);  
box-shadow:4px 4px 4px 4px rgb(226, 222,  
165) }
```

# Background

The CSS property to change the background color of an element to HunterLab 84.3374, -11.5485, 26.7409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 222, 165) }
```

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

```
.background{ background-color: rgb(226,  
222, 165) }
```

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