

# Converting Colors

HunterLab(84.8656, -1.2200,  
29.2980)

Have a look what the booklet for  
HunterLab(84.8656, -1.2200,  
29.2980) contains.

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# Color

**HunterLab(85.0110, -1.4989,  
29.4805)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F9D99F
RGB	249, 217, 159
RGB Percent	98%, 85%, 62%
CMY	0.0235, 0.1490, 0.3765
CMYK	0.00, 0.13, 0.36, 0.02
HSL	39°, 88%, 80%
HSV	39°, 36%, 98%
XYZ	70.1378, 72.2687, 43.0535
YIQ	219.9560, 37.6900, -11.2540

# Conversions

## Conversions Part 2

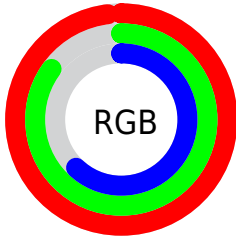
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">209, 249, 159</a>
Decimal	<a href="#">16374175</a>
CIELab	<a href="#">88.10, 3.13, 32.68</a>
CIELCh	<a href="#">88, 32.834, 84.531</a>
Yxy	<a href="#">72.2720, 0.3782, 0.3897</a>
Android (android.graphics.Color)	<a href="#">4294564255</a> ( <a href="#">0xFFFF9D99F</a> )
YUV	<a href="#">219.9560, -30.0513, 25.4716</a>
Hunter-Lab	<a href="#">85.0110, -1.4989, 29.4805</a>

# Details

The HunterLab color  $85.0110, -1.4989, 29.4805$  is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be  $71.7429, -1.0797, -29.8774$ , and the grayscale version is  $84.6959, -4.5192, 4.6017$ .

A 20% lighter version of the original color is  $98.8104, -11.8922, 22.5049$ , and  $61.6268, -0.5036, 24.5828$  is the 20% darker color. If you saturate the color by 10%, you get  $81.8847, 0.5110, 34.1081$ , and if you desaturate by 10%, it is  $88.2677, -3.0699, 23.9124$ .

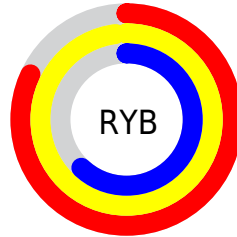
# Distribution



Red (98%)

Green (85%)

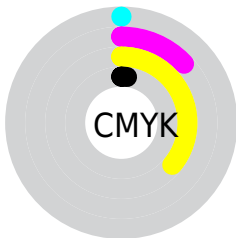
Blue (62%)



Red (82%)

Yellow (98%)

Blue (62%)

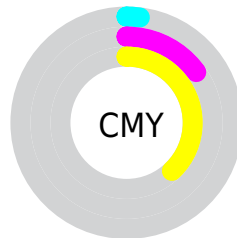


Cyan (0%)

Magenta (13%)

Yellow (36%)

Black (2%)



Cyan (2%)

Magenta (15%)


Yellow (38%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.0110, -1.4989, 29.4805 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 85.0110, -1.4989, 29.4805 by changing the saturation by 10% instead.




 85.0110, -1.4989,  
29.4805

 85.0110, -1.4989,  
29.4805


216.4458, -7.4247,  
48.8542

 73.0623, -1.0111,  
27.1260


 110.6541, -2.5961,  
34.0135

 61.7308, -0.5613,  
24.6909


 124.2949, -3.1952,  
36.2115

 51.0546, -0.1559,  
22.1554


138.4542, -3.8267,  
38.3750

 41.0765, 0.2009,  
19.4911

153.1138, -4.4892,  
40.5100

 31.8494, 0.5036,  
16.6587

168.2571, -5.1813,  
42.6217

 23.4402, 0.7446,  
13.6038

183.8691, -5.9019,

 15.9380, 0.9128,

44.7140

11.1566

199.9362, -6.6500,  
46.7906

■ 9.4694, 0.9903,  
6.6286

0.0000, NaN, NaN

■ 85.0110, -1.4989,  
29.4805

■ 85.0110, -1.4989,  
29.4805

■ 81.8847, 0.5110,  
34.1081

■ 88.2677, -3.0699,  
23.9124

■ 78.8889, 2.9800,  
37.7466

■ 91.6428, -4.2090,  
17.4531

■ 76.0311, 5.9083,  
40.3643

■ 95.1320, -4.9388,  
10.1591

■ 73.3156, 9.2884,  
41.9488

■ 98.6106, -5.9310,  
3.7763

■ 70.7450, 13.0975,  
42.5217

■ 99.4383, -7.2952,  
4.7359

■ 68.3187, 17.2889,  
42.1610

■ 67.4158, 18.9678,  
41.8734

# Harmonies

## Analogous

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



85.0130, 14.6231, 25.6846



85.0110, -1.4989, 29.4805



85.0130, -17.2912, 27.7212

# Triad

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



85.0130, -1.5019, 29.4815



85.0130, -31.4702, -8.8517



85.0130, 22.8136, -14.7707

# Complementary

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



85.0110, -1.4989, 29.4805



71.7429, -1.0797, -29.8774

# 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.



85.0130, 9.0087, -27.5867



85.0110, -1.4989, 29.4805



85.0130, -22.1441, -23.7392

# Square

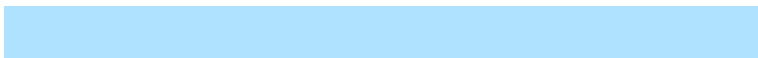
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.0130, -1.5019, 29.4815



85.0130, -33.8189, 7.4483



85.0130, -7.5372, -31.1465



85.0130, 29.3294, 1.7066



# Rectangle

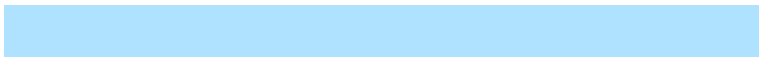
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.0110, -1.4989, 29.4805



85.0130, -25.6255, 23.4205



85.0130, -7.5372, -31.1465



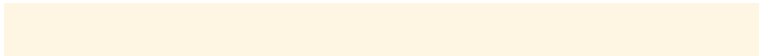
85.0130, 18.8232, -19.7658

# Sweetspot

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



85.0130, -1.5019, 29.4815



95.9819, -4.7603, 14.1910



69.8159, 33.7313, 1.2595



44.1809, -2.1539, 7.0334

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



85.0130, -1.5019, 29.4815



85.1101, -0.1636, 33.6816



93.9464, -21.7925, 36.8064



43.6941, -2.2037, 5.9040



49.6045, 13.3183, 30.7992



15.7443, 2.7977, 9.7505



# Inverse Universe

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



71.7429, -1.0797, -29.8774



69.0577, 0.6288, -38.6621



63.4781, 19.0872, -44.2605



42.0150, -2.2032, -1.5049



27.7220, 23.3756, -85.1112



9.5059, 4.5831, -21.7752



# Previews

## White Background



This preview shows how the HunterLab color 85.0110, -1.4989, 29.4805 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 85.0110, -1.4989, 29.4805 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

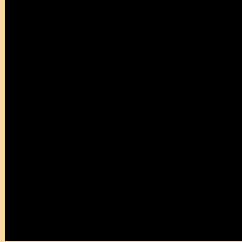
Any Text WCAG AA ✓ Pass

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 85.0110, -1.4989, 29.4805 Background



This preview shows how black text looks on a background with the HunterLab color 85.0110, -1.4989, 29.4805.



This preview shows how white text looks on a background with the HunterLab color 85.0110, -1.4989,



# 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

85.0110, -1.4989, 29.4805

### Protanopia

85.1254, -7.3246, 28.8408

### Deuteranopia

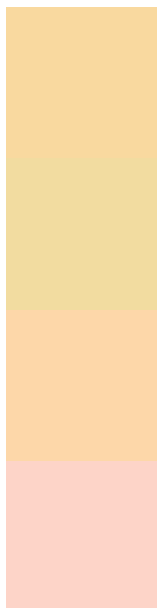
85.0936, 4.0637, 24.6040



## Tritanopia

84.9957, 14.0052, 3.4262

# Trichromacy



## Original Color

85.0110, -1.4989, 29.4805

## Protanomaly

85.2066, -5.4925, 29.2658

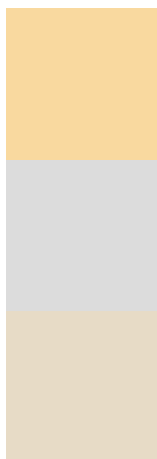
## Deuteranomaly

85.0577, 2.1833, 26.2856

## Tritanomaly

84.9351, 7.8843, 14.3300

# Monochromacy



## Original Color

85.0110, -1.4989, 29.4805

## Achromatopsia

84.5987, -4.5140, 4.5964

## Achromatomaly

84.6931, -3.8847, 14.7182

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 85.0110, -1.4989, 29.4805 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(249, 217, 159)` looks like.

```
.text, #text, p{  
    color:rgb(249, 217, 159)  
}
```

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(249, 217, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 217, 159) }
```

## Border

The CSS property to change the border of an element to HunterLab 85.0110, -1.4989, 29.4805 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(249, 217, 159) }
```



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

```
.border{ border-color:rgb(249, 217, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 217, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(249, 217, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(249, 217, 159); box-shadow:4px 4px 4px 4px rgb(249, 217, 159) }
```

# Background

The CSS property to change the background color of an element to HunterLab 85.0110, -1.4989, 29.4805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 217, 159) }
```

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

```
.background{ background-color: rgb(249,  
217, 159) }
```

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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