

# Converting Colors

HunterLab(84.1557, -1.4418,  
21.1383)

Have a look what the booklet for  
HunterLab(84.1557, -1.4418,  
21.1383) contains.

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# Color

**HunterLab(84.2456, -1.5892,  
21.1176)**

# Conversions

Conversions Part 1	
Format	Color
Hex	F0D8B5
RGB	240, 216, 181
RGB Percent	94%, 85%, 71%
CMY	0.0588, 0.1529, 0.2902
CMYK	0.00, 0.10, 0.25, 0.06
HSL	36°, 66%, 83%
HSV	36°, 25%, 94%
XYZ	68.8315, 70.9732, 53.7875
YIQ	219.1860, 25.5390, -5.7970

# Conversions

## Conversions Part 2

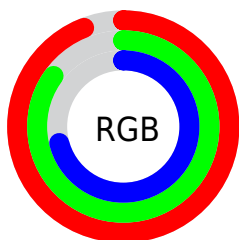
Format	Color
<a href="#">RYB</a>	<a href="#">221, 240, 181</a>
Decimal	<a href="#">15784117</a>
CIELab	<a href="#">87.47, 3.00, 20.30</a>
CIELCh	<a href="#">87, 20.520, 81.581</a>
Yxy	<a href="#">70.9764, 0.3555, 0.3666</a>
Android (android.graphics.Color)	<a href="#">4293974197</a> (0xFFFF0D8B5)
YUV	<a href="#">219.1860, -18.8257, 18.2539</a>
Hunter-Lab	<a href="#">84.2456, -1.5892, 21.1176</a>

# Details

The HunterLab color  $84.2456, -1.5892, 21.1176$  is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be  $77.3150, -4.5918, -15.6582$ , and the grayscale version is  $84.3185, -4.4990, 4.5812$ .

A 20% lighter version of the original color is  $99.4457, -8.3811, 13.3628$ , and  $60.9225, -0.6393, 17.6541$  is the 20% darker color. If you saturate the color by 10%, you get  $80.7592, 0.4641, 26.3526$ , and if you desaturate by 10%, it is  $87.8630, -3.2454, 15.1083$ .

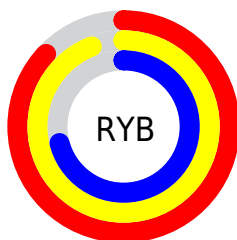
# Distribution



Red (94%)

Green (85%)

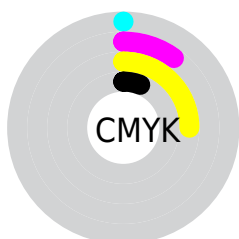
Blue (71%)



Red (87%)

Yellow (94%)

Blue (71%)

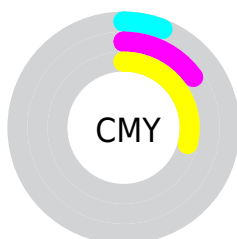


Cyan (0%)

Magenta (10%)

Yellow (25%)

Black (6%)



Cyan (6%)

Magenta (15%)


Yellow (29%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 84.2456, -1.5892, 21.1176 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 84.2456, -1.5892, 21.1176 by changing the saturation by 10% instead.





 84.2456, -1.5892,  
21.1176

 84.2456, -1.5892,  
21.1176


215.3999, -7.5410,  
35.5974

 72.3346, -1.0977,  
19.4535


 109.8181, -2.6925,  
24.3856

 61.0431, -0.6444,  
17.7562


123.4258, -3.2947,  
25.9986

 50.4092, -0.2354,  
16.0151

137.5532, -3.9292,  
27.6036

 40.4764, 0.1252,  
14.2135

152.1820, -4.5946,  
29.2036

 31.2984, 0.4319,  
12.3269

167.2955, -5.2895,  
30.8012

 22.9430, 0.6769,  
10.3177


182.8786, -6.0129,

 15.5012, 0.8493,


32.3982


8.2229

198.9176, -6.7637,  
33.9965


 9.0960, 0.9558,  
6.3672

0.0000, NaN, NaN


 84.2456, -1.5892,  
21.1176

 84.2456, -1.5892,  
21.1176


 80.7592, 0.4641,  
26.3526


 87.8630, -3.2454,  
15.1083


 77.4065, 2.9417,  
30.7518


 91.5979, -4.5183,  
8.3797


 74.1978, 5.8552,  
34.2614


 95.4445, -5.4338,  
0.9892


 71.1414, 9.2116,  
36.8354

 98.6232, -10.1588,  
3.7173

 68.2452, 13.0065,  
38.4443

 65.5154, 17.2193,  
39.0877

 62.9558, 21.8057,  
38.8162

 61.6350, 24.3942,  
38.4062

# Harmonies

## Analogous

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



84.2475, 8.1136, 18.0047



84.2456, -1.5892, 21.1176



84.2475, -11.6344, 20.2375

# Triad

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



84.2475, -1.5919, 21.1187



84.2475, -22.0718, -2.6135



84.2475, 11.5215, -7.9297

# Complementary

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



84.2456, -1.5892, 21.1176



77.3150, -4.5918, -15.6582

# 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.



84.2475, 2.8805, -14.7991



84.2456, -1.5892, 21.1176



84.2475, -16.4121, -11.4833

# Square

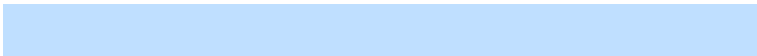
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.2475, -1.5919, 21.1187



84.2475, -23.1412, 7.2874



84.2475, -7.3687, -16.1720



84.2475, 15.9182, 1.7917



# Rectangle

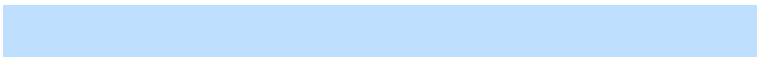
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.2456, -1.5892, 21.1176



84.2475, -17.1977, 17.4509



84.2475, -7.3687, -16.1720



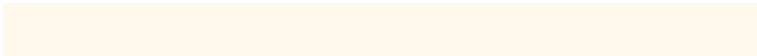
84.2475, 8.9978, -10.6950

# Sweetspot

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



84.2475, -1.5919, 21.1187



97.1383, -4.5438, 10.8034



74.8398, 20.6026, 0.4259



44.8278, -2.0665, 5.2048

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



84.2475, -1.5919, 21.1187



88.5484, -0.7663, 25.2604



91.2870, -15.4662, 27.5860



41.6151, -1.8275, 5.4516



45.8951, 17.4326, 28.5855



13.9542, 3.5720, 8.6611



# Inverse Universe

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



77.3150, -4.5918, -15.6582



79.8126, -4.4916, -21.1793



70.5469, 9.3354, -25.6499



40.3538, -2.3881, -1.2136



29.0367, 17.4435, -73.9489



9.4445, 2.7310, -17.7004



# Previews

## White Background



This preview shows how the HunterLab color 84.2456, -1.5892, 21.1176 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

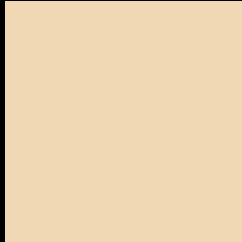
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 84.2456, -1.5892, 21.1176 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

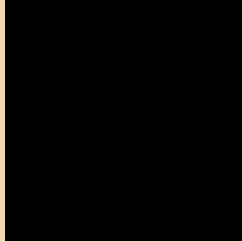
Any Text WCAG AA ✓ Pass

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 84.2456, -1.5892, 21.1176 Background



This preview shows how black text looks on a background with the HunterLab color 84.2456, -1.5892, 21.1176.



This preview shows how white text looks on a background with the HunterLab color 84.2456, -1.5892,



# 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

84.2456, -1.5892, 21.1176

### Protanopia

84.3779, -5.8102, 20.7941

### Deuteranopia

84.2833, 6.2835, 20.9126



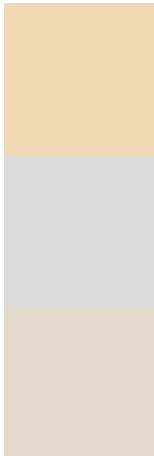
## Tritanopia

84.2595, 10.2230, 1.4699

# Trichromacy

	<b>Original Color</b> 84.2456, -1.5892, 21.1176
	<b>Protanomaly</b> 84.3696, -4.2542, 20.8132
	<b>Deuteranomaly</b> 84.3242, 3.3727, 20.9019
	<b>Tritanomaly</b> 84.1396, 5.7955, 8.9827

# Monochromacy

	<b>Original Color</b> 84.2456, -1.5892, 21.1176
	<b>Achromatopsia</b> 84.1651, -4.4908, 4.5728
	<b>Achromatomaly</b> 84.1911, -3.6515, 11.1396

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 84.2456, -1.5892, 21.1176 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(240, 216, 181)` looks like.

```
.text, #text, p{  
    color:rgb(240, 216, 181)  
}
```

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(240, 216, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 216, 181) }
```

## Border

The CSS property to change the border of an element to HunterLab 84.2456, -1.5892, 21.1176 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(240, 216, 181) }
```



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

```
.border{ border-color:rgb(240, 216, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 216, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 216, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 216, 181);  
box-shadow:4px 4px 4px 4px rgb(240, 216,  
181) }
```

# Background

The CSS property to change the background color of an element to HunterLab 84.2456, -1.5892, 21.1176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 216, 181) }
```

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

```
.background{ background-color: rgb(240,  
216, 181) }
```

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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