

# Converting Colors

HunterLab(63.2336, 8.2433,  
30.9519)

Have a look what the booklet for  
HunterLab(63.2336, 8.2433,  
30.9519) contains.

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# Color

**HunterLab(63.1785, 8.3901,  
30.8150)**

# Conversions

Conversions Part 1	
Format	Color
Hex	D79F56
RGB	215, 159, 86
RGB Percent	84%, 62%, 34%
CMY	0.1569, 0.3764, 0.6627
CMYK	0.00, 0.26, 0.60, 0.16
HSL	34°, 62%, 59%
HSV	34°, 60%, 84%
XYZ	42.1022, 39.9152, 14.2894
YIQ	167.4220, 56.8090, -10.8310

# Conversions

## Conversions Part 2

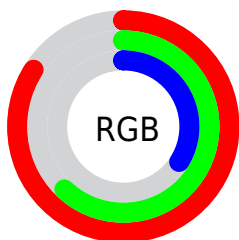
Format	Color
<a href="#">RYB</a>	<a href="#">185, 215, 86</a>
Decimal	<a href="#">14131030</a>
CIELab	<a href="#">69.41, 13.00, 45.62</a>
CIELCh	<a href="#">69, 47.438, 74.094</a>
Yxy	<a href="#">39.9172, 0.4372, 0.4145</a>
Android (android.graphics.Color)	<a href="#">4292321110</a> (0xFFD79F56)
YUV	<a href="#">167.4220, -40.1410, 41.7259</a>
Hunter-Lab	<a href="#">63.1785, 8.3901, 30.8150</a>

# Details

The HunterLab color **63.1785, 8.3901, 30.8150** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **51.2147, 0.2118, -42.8645**, and the grayscale version is **62.4823, -3.3339, 3.3948**.

A 20% lighter version of the original color is **84.3730, 0.1729, 35.0968**, and **42.4507, 8.0665, 23.9680** is the 20% darker color. If you saturate the color by 10%, you get **60.4413, 11.8222, 32.6187**, and if you desaturate by 10%, it is **66.0677, 5.3390, 28.1966**.

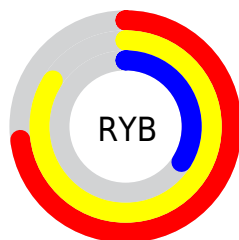
# Distribution



Red (84%)

Green (62%)

Blue (34%)



Red (73%)

Yellow (84%)

Blue (34%)

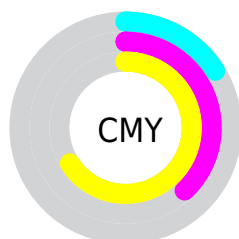


Cyan (0%)

Magenta (26%)

Yellow (60%)

Black (16%)



Cyan (16%)

Magenta (38%)


Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.1785, 8.3901, 30.8150 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 63.1785, 8.3901, 30.8150 by changing the saturation by 10% instead.




 63.1785, 8.3901,  
30.8150


 63.1785, 8.3901,  
30.8150


185.9501, 6.6236,  
56.6641


 52.4156, 8.3033,  
27.4362


 86.6241, 8.3533,  
37.1413

 42.3433, 8.1415,  
23.8685


 99.2387, 8.2480,  
40.1362

 33.0142, 7.8902,  
20.0704


 112.4123, 8.0900,  
43.0434

 24.4933, 7.5342,  
16.2845

 126.1222, 7.8831,  
45.8765

 16.8660, 7.0516,  
11.8062

 140.3482, 7.6304,  
48.6468

 10.2526, 6.4107,  
7.1768

155.0721, 7.3348,

0.0000, INF, NaN

51.3633


0.0000, NaN, NaN

170.2777, 6.9985,  
54.0336


0.0000, NaN, NaN


 63.1785, 8.3901,  
30.8150


 63.1785, 8.3901,  
30.8150

 60.4413, 11.8222,  
32.6187


 66.0677, 5.3390,  
28.1966


 57.8597, 15.6328,  
33.5843


 69.0955, 2.6761,  
24.8011


 55.4418, 19.7892,  
33.7243

 72.2545, 0.3883,  
20.6786

 53.1852, 24.2050,  
33.1962

 75.5361, -1.5403,  
15.8820

 53.1850, 24.2054,  
33.1961

 78.9320, -3.1290,  
10.4648

■ 82.4345, -4.3986,  
4.4782

■ 86.0365, -5.3706,  
-2.0293

■ 89.6227, -6.6631,  
-7.4794

■ 92.6104, -11.4895,  
-3.7038

# Harmonies

## Analogous

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



63.1801, 29.2238, 25.1782



63.1785, 8.3901, 30.8150



63.1801, -13.1515, 30.9688

# Triad

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



63.1801, 8.3871, 30.8157



63.1801, -38.7498, -6.9322



63.1801, 28.1208, -31.9248

# Complementary

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



63.1785, 8.3901, 30.8150



51.2147, 0.2118, -42.8645

# 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.



63.1801, 7.0357, -47.9801



63.1785, 8.3901, 30.8150



63.1801, -30.4647, -30.5963

# Square

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



63.1801, 8.3871, 30.8157



63.1801, -38.4899, 13.3160



63.1801, -14.3341, -47.4255



63.1801, 41.6173, -8.3453



# Rectangle

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



63.1785, 8.3901, 30.8150



63.1801, -24.9643, 28.1475



63.1801, -14.3341, -47.4255



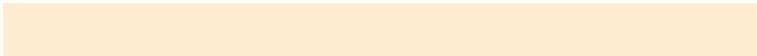
63.1801, 21.5707, -38.6850

# Sweetspot

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



63.1801, 8.3871, 30.8157



92.3736, -2.2502, 18.1217



48.0812, 50.9547, -2.0422



42.1848, -0.7536, 9.2311

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



63.1801, 8.3871, 30.8157



72.4562, 15.5453, 39.9860



79.2226, -21.1441, 41.8572



36.8448, -1.4951, 4.7178



41.3923, 18.1583, 25.8236



10.9392, 2.8644, 6.7908



# Inverse Universe

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



51.2147, 0.2118, -42.8645



55.4423, 5.2287, -66.9186



37.2301, 30.9893, -78.8996



35.8979, -2.2491, -0.9389



28.0242, 13.3525, -63.8520



7.9785, 1.0782, -12.3001



# Previews

## White Background



This preview shows how the HunterLab color 63.1785, 8.3901, 30.8150 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

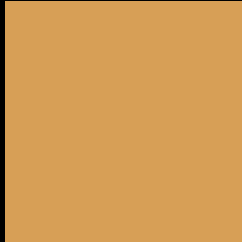
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 63.1785, 8.3901, 30.8150 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 63.1785, 8.3901, 30.8150 Background



This preview shows how black text looks on a background with the HunterLab color 63.1785, 8.3901, 30.8150.



This preview shows how white text looks on a background with the HunterLab color 63.1785, 8.3901,



# 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

63.1785, 8.3901, 30.8150

### Protanopia

63.2870, -7.2018, 29.8091

### Deuteranopia



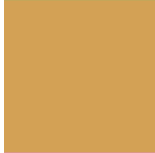

63.2865, 4.4790, 31.0237




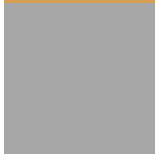
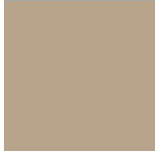
## Tritanopia

63.0821, 23.2979, 7.1511

# Trichromacy

	<b>Original Color</b> 63.1785, 8.3901, 30.8150
	<b>Protanomaly</b> 63.1380, -1.7444, 29.9996
	<b>Deuteranomaly</b> 63.2412, 5.7530, 31.0123
	<b>Tritanomaly</b> 62.8997, 17.3668, 17.8027

# Monochromacy

	<b>Original Color</b> 63.1785, 8.3901, 30.8150
	<b>Achromatopsia</b> 62.1634, -3.3169, 3.3775
	<b>Achromatomaly</b> 62.1098, -0.5454, 15.3091

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 63.1785, 8.3901, 30.8150 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(215, 159, 86)` looks like.

```
.text, #text, p{  
    color:rgb(215, 159, 86)  
}
```

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(215, 159, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 159, 86) }
```

## Border

The CSS property to change the border of an element to HunterLab 63.1785, 8.3901, 30.8150 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(215, 159, 86) }
```



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

```
.border{ border-color:rgb(215, 159, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 159, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 159, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 159, 86);  
box-shadow:4px 4px 4px 4px rgb(215, 159,  
86) }
```

# Background

The CSS property to change the background color of an element to HunterLab 63.1785, 8.3901, 30.8150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 159, 86) }
```

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

```
.background{ background-color: rgb(215,  
159, 86) }
```

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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