

# Converting Colors

HunterLab(68.9411, -8.8021,  
30.0970)

Have a look what the booklet for  
HunterLab(68.9411, -8.8021,  
30.0970) contains.

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# Color

**HunterLab(68.8255, -8.5707,  
30.0381)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C6B86C
RGB	198, 184, 108
RGB Percent	78%, 72%, 42%
CMY	0.2235, 0.2784, 0.5765
CMYK	0.00, 0.07, 0.45, 0.22
HSL	51°, 44%, 60%
HSV	51°, 45%, 78%
XYZ	43.1360, 47.3695, 21.0571
YIQ	179.5220, 32.7400, -20.6680

# Conversions

## Conversions Part 2

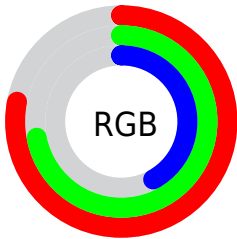
<b>Format</b>	<b>Color</b>
<b>RYB</b>	125, 198, 108
Decimal	13023340
CIELab	74.43, -5.53, 40.25
CIELCh	74, 40.626, 97.818
Yxy	47.3717, 0.3866, 0.4246
Android (android.graphics.Color)	4291213420 (0xFFC6B86C)
YUV	179.5220, -35.2603, 16.2052
Hunter-Lab	68.8255, -8.5707, 30.0381

# Details

The HunterLab color **68.8255, -8.5707, 30.0381** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **46.0259, 9.9607, -40.2874**, and the grayscale version is **67.4928, -3.6012, 3.6670**.

A 20% lighter version of the original color is **92.8188, -10.8290, 35.4667**, and **47.2111, -6.8679, 23.9439** is the 20% darker color. If you saturate the color by 10%, you get **67.6251, -8.6244, 33.3861**, and if you desaturate by 10%, it is **70.0967, -8.1789, 25.8340**.

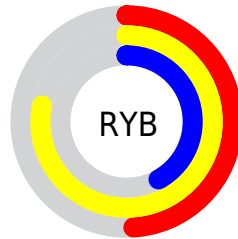
# Distribution



Red (78%)

Green (72%)

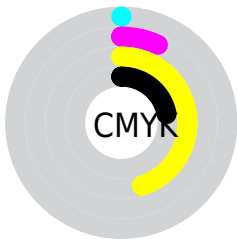
Blue (42%)



Red (49%)

Yellow (78%)

Blue (42%)

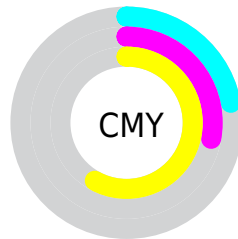


Cyan (0%)

Magenta (7%)

Yellow (45%)

Black (22%)



Cyan (22%)

Magenta (28%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.8255, -8.5707, 30.0381 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 68.8255, -8.5707, 30.0381 by changing the saturation by 10% instead.



■ 68.8255, -8.5707,  
30.0381

■ 68.8255, -8.5707,  
30.0381

193.9836,  
-17.3273, 53.1489

■ 57.7318, -7.6936,  
27.0872

■ 92.8807, -10.3863,  
35.6102

■ 47.3065, -6.8309,  
23.9895

■ 105.7787,  
-11.3210, 38.2687

■ 37.5975, -5.9829,  
20.7087

■ 119.2240,  
-12.2747, 40.8614

■ 28.6620, -5.1466,  
17.1970

■ 133.1952,  
-13.2475, 43.3989

■ 20.5740, -4.3158,  
14.0257

147.6730,  
-14.2393, 45.8899

■ 13.4338, -3.4790,  
9.4037

162.6405,

■ 7.0006, -3.8139,

-15.2500, 48.3414

4.9004

178.0821,  
-16.2794, 50.7594

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.8255, -8.5707,  
30.0381

■ 68.8255, -8.5707,  
30.0381

■ 67.6251, -8.6244,  
33.3861

■ 70.0967, -8.1789,  
25.8340

■ 66.4892, -8.3409,  
35.8900

■ 71.4345, -7.4389,  
20.7703

■ 65.4172, -7.7366,  
37.5805

■ 72.8407, -6.3539,  
14.8558

■ 64.4054, -6.8336,  
38.5083


■ 74.3149, -4.9283,  
8.1070


■ 63.4482, -5.6654,

■ 75.8564, -3.1689,

38.7558

0.5462

 63.0242, -5.0856,  
38.7462

 77.4642, -1.0848,  
-7.7995

 79.1369, 1.3133,  
-16.8995

 80.4043, 1.4856,  
-20.1928

 81.3453, -0.1361,  
-18.8344

# Harmonies

## Analogous

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



68.8271, 10.6589, 28.7735



68.8255, -8.5707, 30.0381



68.8271, -24.6644, 25.9245

# Triad

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



68.8271, -8.5731, 30.0388



68.8271, -30.2105, -21.1353



68.8271, 33.5034, -10.6997

# Complementary

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



68.8255, -8.5707, 30.0381



46.0259, 9.9607, -40.2874

# 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.



68.8271, 20.1738, -29.7278



68.8255, -8.5707, 30.0381



68.8271, -16.9262, -36.8022

# Square

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



68.8271, -8.5731, 30.0388



68.8271, -36.2433, -1.1480



68.8271, 1.3617, -40.3128



68.8271, 36.3619, 8.3060



# Rectangle

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



68.8255, -8.5707, 30.0381



68.8271, -31.9337, 19.7974



68.8271, 1.3617, -40.3128



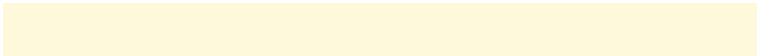
68.8271, 30.0340, -17.4394

# Sweetspot

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



68.8271, -8.5731, 30.0388



97.1696, -8.2439, 18.7124



49.1543, 31.0088, 8.2279



44.7608, -3.9841, 9.5130

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



68.8271, -8.5731, 30.0388



89.9323, -11.4705, 44.5715



70.5661, -24.7132, 31.1290



34.8212, -2.6113, 5.1285



50.9251, -4.2655, 31.3051



11.4271, -1.4841, 7.0153



# Inverse Universe

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



46.0259, 9.9607, -40.2874



53.4921, 19.7462, -71.5547



44.9514, 24.7283, -42.3362



32.4798, -0.8511, -1.7557



18.3386, 35.8922, -100.4026



4.9604, 4.7821, -16.5234



# Previews

## White Background



This preview shows how the HunterLab color 68.8255, -8.5707, 30.0381 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

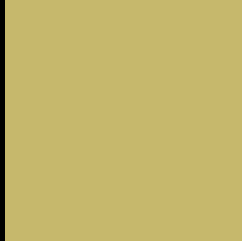
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 68.8255, -8.5707, 30.0381 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

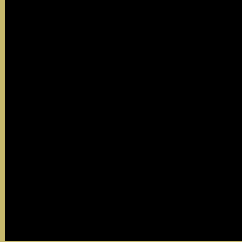
Any Text WCAG AA ✓ Pass

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 68.8255, -8.5707, 30.0381 Background



This preview shows how black text looks on a background with the HunterLab color 68.8255, -8.5707, 30.0381.



This preview shows how white text looks on a background with the HunterLab color 68.8255, -8.5707,



# 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

68.8255, -8.5707, 30.0381

### Protanopia

68.8238, -7.0306, 30.0638

### Deuteranopia

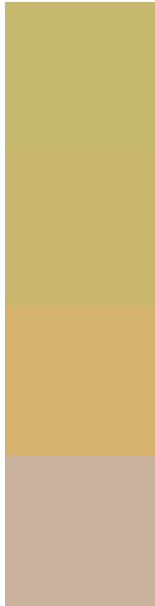
68.7861, 4.8814, 29.7558



## Tritanopia

68.8568, 8.7562, 1.6158

# Trichromacy



## Original Color

68.8255, -8.5707, 30.0381

## Protanomaly

68.7234, -7.3851, 29.9778

## Deuteranomaly

68.6229, -0.1207, 29.7827

## Tritanomaly

68.5861, 1.7928, 13.9387

# Monochromacy



## Original Color

68.8255, -8.5707, 30.0381

## Achromatopsia

67.5582, -3.6047, 3.6706

## Achromatomaly

67.7832, -5.7793, 14.9253

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 68.8255, -8.5707, 30.0381 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(198, 184, 108)` looks like.

```
.text, #text, p{  
    color:rgb(198, 184, 108)  
}
```

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(198, 184, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 184, 108) }
```

## Border

The CSS property to change the border of an element to HunterLab 68.8255, -8.5707, 30.0381 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(198, 184, 108) }
```



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

```
.border{ border-color:rgb(198, 184, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 184, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 184, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 184, 108);  
box-shadow:4px 4px 4px 4px rgb(198, 184,  
108) }
```

# Background

The CSS property to change the background color of an element to HunterLab 68.8255, -8.5707, 30.0381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 184, 108) }
```

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

```
.background{ background-color: rgb(198,  
184, 108) }
```

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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