

# Converting Colors

HunterLab(70.4566, 8.2188,  
35.7523)

Have a look what the booklet for  
HunterLab(70.4566, 8.2188,  
35.7523) contains.

<b>HunterLab(70.4188, 8.2713, 35.7631)</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(70.4188, 8.2713,  
35.7631)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ECB058
RGB	236, 176, 88
RGB Percent	93%, 69%, 35%
CMY	0.0745, 0.3098, 0.6549
CMYK	0.00, 0.25, 0.63, 0.07
HSL	36°, 80%, 64%
HSV	36°, 63%, 93%
XYZ	51.8788, 49.5881, 16.0697
YIQ	183.9080, 64.0080, -14.6480

# Conversions

## Conversions Part 2

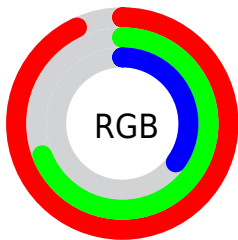
Format	Color
R <sub>YB</sub>	189, 236, 88
Decimal	15511640
CIE <sub>Lab</sub>	75.82, 12.86, 52.61
CIE <sub>LCh</sub>	76, 54.160, 76.264
Yxy	49.5905, 0.4414, 0.4219
Android (android.graphics.Color)	4293701720 (0xFFECB058)
YUV	183.9080, -47.2826, 45.6847
Hunter-Lab	70.4188, 8.2713, 35.7631

# Details

The HunterLab color **70.4188, 8.2713, 35.7631** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **54.1381, 3.3615, -53.4896**, and the grayscale version is **69.3688, -3.7013, 3.7689**.

A 20% lighter version of the original color is **89.6297, -8.2371, 38.4159**, and **48.7573, 7.7757, 28.1506** is the 20% darker color. If you saturate the color by 10%, you get **67.5574, 11.8895, 37.5269**, and if you desaturate by 10%, it is **73.4383, 5.0776, 33.0588**.

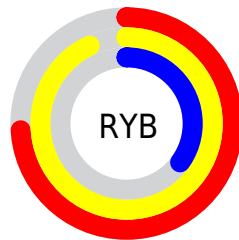
# Distribution



Red (93%)

Green (69%)

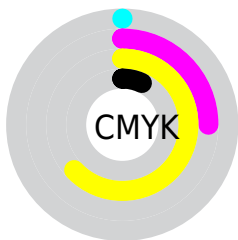
Blue (35%)



Red (74%)

Yellow (93%)

Blue (35%)

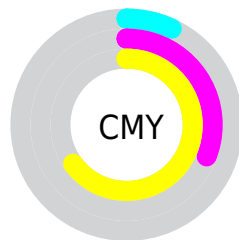


Cyan (0%)

Magenta (25%)

Yellow (63%)

Black (7%)



Cyan (7%)

Magenta (31%)

Yellow (65%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.4188, 8.2713, 35.7631 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 70.4188, 8.2713, 35.7631 by changing the saturation by 10% instead.



 70.4188, 8.2713,  
35.7631

 70.4188, 8.2713,  
35.7631

196.2301, 6.1787,  
64.3573


 59.2352, 8.2361,  
32.0367

 94.6403, 8.1438,  
42.7620

 48.7142, 8.1324,  
28.1178

 107.6158, 7.9985,  
46.0796

 38.9025, 7.9472,  
23.9707

 121.1355, 7.8031,  
49.3001

 29.8555, 7.6682,  
19.6294

 135.1782, 7.5612,  
52.4373

 21.6444, 7.2780,  
15.1511

149.7251, 7.2754,  
55.5029

 14.3650, 6.7517,  
10.0555

164.7594, 6.9484,

 8.0250, 6.6174,

58.5062

5.6175

180.2657, 6.5822,  
61.4554

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.4188, 8.2713,  
35.7631

■ 70.4188, 8.2713,  
35.7631

■ 67.5574, 11.8895,  
37.5269

■ 73.4383, 5.0776,  
33.0588

■ 64.8556, 15.9258,  
38.3412

■ 76.6032, 2.3203,  
29.4442

■ 62.3191, 20.3388,  
38.2443


■ 79.9070, -0.0123,  
24.9669


■ 60.5693, 23.7284,  
37.7379


■ 83.3416, -1.9353,  
19.6814


■ 86.8989, -3.4679,

13.6445

 90.5713, -4.6318,  
6.9131

 94.3517, -5.4499,  
-0.4582

 97.4745, -10.1230,  
2.3399

 98.2714, -11.4021,  
3.2752

# Harmonies

## Analogous

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



70.4205, 33.4578, 29.8993



70.4188, 8.2713, 35.7631



70.4205, -16.9786, 35.5249

# Triad

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



70.4205, 8.2680, 35.7638



70.4205, -44.9330, -10.5267



70.4205, 35.2985, -36.6552

# Complementary

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



70.4188, 8.2713, 35.7631



54.1381, 3.3615, -53.4896

# 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.



70.4205, 10.5091, -57.2807



70.4188, 8.2713, 35.7631



70.4205, -34.5640, -38.9003

# Square

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



70.4205, 8.2680, 35.7638



70.4205, -45.3549, 14.0367



70.4205, -15.0336, -58.2238



70.4205, 50.5002, -8.1704



# Rectangle

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



70.4188, 8.2713, 35.7631



70.4205, -30.4894, 32.0311



70.4205, -15.0336, -58.2238



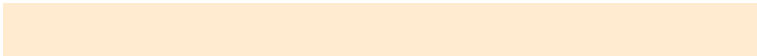
70.4205, 27.6640, -45.1206

# Sweetspot

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



70.4205, 8.2680, 35.7638



92.3937, -2.7687, 19.1878



51.9653, 58.6889, 0.2867



42.2343, -1.0431, 9.7237

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



70.4205, 8.2680, 35.7638



72.9788, 14.0871, 41.3054



87.4581, -25.7070, 47.1819



40.6736, -1.7941, 5.3252



45.2581, 17.0107, 28.1857



13.4031, 3.3074, 8.3169



# Inverse Universe

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



54.1381, 3.3615, -53.4896



52.3765, 9.6062, -74.6532



39.7045, 38.0676, -93.3693



39.4353, -2.3266, -1.1831



28.5569, 17.2451, -72.9208



9.0820, 2.5162, -16.7835



# Previews

## White Background



This preview shows how the HunterLab color 70.4188, 8.2713, 35.7631 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 70.4188, 8.2713, 35.7631 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 70.4188, 8.2713, 35.7631 Background



This preview shows how black text looks on a background with the HunterLab color 70.4188, 8.2713, 35.7631.



This preview shows how white text looks on a background with the HunterLab color 70.4188, 8.2713,

35.7631.

# 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

70.4188, 8.2713, 35.7631

### Protanopia

70.4122, -8.0423, 34.7210

### Deuteranopia

70.3689, 5.1970, 35.8548



## Tritanopia

70.4143, 25.6680, 7.9282

# Trichromacy



## Original Color

70.4188, 8.2713, 35.7631

## Protanomaly

70.3759, -2.0832, 34.9904

## Deuteranomaly

70.3250, 6.4988, 35.8457

## Tritanomaly

70.2496, 18.0809, 20.6524

# Monochromacy



## Original Color

70.4188, 8.2713, 35.7631

## Achromatopsia

69.2330, -3.6941, 3.7616

## Achromatomaly

69.2201, -1.0248, 18.2804

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 70.4188, 8.2713, 35.7631 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(236, 176, 88)` looks like.

```
.text, #text, p{  
    color:rgb(236, 176, 88)  
}
```

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(236, 176, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 176, 88) }
```

## Border

The CSS property to change the border of an element to HunterLab 70.4188, 8.2713, 35.7631 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(236, 176, 88) }
```



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

```
.border{ border-color:rgb(236, 176, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 176, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 176, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 176, 88);  
box-shadow:4px 4px 4px 4px rgb(236, 176,  
88) }
```

# Background

The CSS property to change the background color of an element to HunterLab 70.4188, 8.2713, 35.7631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 176, 88) }
```

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

```
.background{ background-color: rgb(236,  
176, 88) }
```

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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