

# Converting Colors

HunterLab(71.0508, 7.8814,  
33.2113)

Have a look what the booklet for  
HunterLab(71.0508, 7.8814,  
33.2113) contains.

<b>HunterLab(71.0508, 7.8814, 33.2113)</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(71.0508, 7.8814,  
33.2113)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EBB267
RGB	235, 178, 103
RGB Percent	92%, 70%, 40%
CMY	0.0784, 0.3019, 0.5961
CMYK	0.00, 0.24, 0.56, 0.08
HSL	34°, 77%, 66%
HSV	34°, 56%, 92%
XYZ	52.6295, 50.4822, 19.8020
YIQ	186.4930, 58.0470, -11.2410

# Conversions

## Conversions Part 2

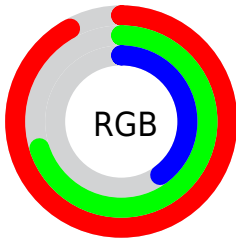
Format	Color
R <sub>Y</sub> B	203, 235, 103
Decimal	15446631
CIE Lab	76.37, 12.46, 45.94
CIE LCh	76, 47.596, 74.827
Yxy	50.4846, 0.4282, 0.4107
Android (android.graphics.Color)	4293636711 (0xFFEBB267)
YUV	186.4930, -41.1620, 42.5406
Hunter-Lab	71.0508, 7.8814, 33.2113

# Details

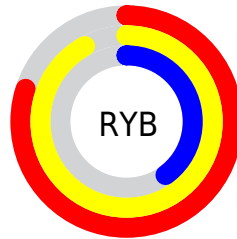
The HunterLab color **71.0508, 7.8814, 33.2113** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **58.3281, -0.5987, -43.9619**, and the grayscale version is **70.4319, -3.7581, 3.8267**.

A 20% lighter version of the original color is **90.8328, -8.3020, 35.2952**, and **49.1471, 7.9901, 26.3608** is the 20% darker color. If you saturate the color by 10%, you get **67.9613, 11.5183, 35.5419**, and if you desaturate by 10%, it is **74.3056, 4.6710, 29.9828**.

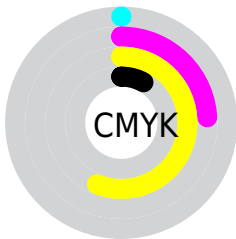
# Distribution



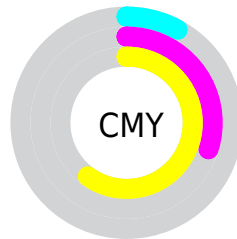
- Red (92%)
- Green (70%)
- Blue (40%)



- Red (80%)
- Yellow (92%)
- Blue (40%)



- Cyan (0%)
- Magenta (24%)
- Yellow (56%)
- Black (8%)




- Cyan (8%)
- Magenta (30%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 71.0508, 7.8814, 33.2113 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 71.0508, 7.8814, 33.2113 by changing the saturation by 10% instead.




 71.0508, 7.8814,  
33.2113

 71.0508, 7.8814,  
33.2113

197.1188, 5.6246,  
58.7522


 59.8319, 7.8690,  
29.9224

 95.3376, 7.7122,  
39.4094


 49.2734, 7.7893,  
26.4682


 108.3435, 7.5473,  
42.3587

 39.4214, 7.6300,  
22.8124


 121.8924, 7.3333,  
45.2292

 30.3308, 7.3789,  
18.9108

 135.9632, 7.0733,  
48.0330

 22.0717, 7.0192,  
15.4502

150.5373, 6.7702,  
50.7797

 14.7381, 6.5269,  
10.3167

165.5979, 6.4263,

 8.3948, 6.1672,

53.4775

5.8764

181.1296, 6.0439,  
56.1331

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 71.0508, 7.8814,  
33.2113

■ 71.0508, 7.8814,  
33.2113

■ 67.9613, 11.5183,  
35.5419

■ 74.3056, 4.6710,  
29.9828

■ 65.0411, 15.5844,  
36.9401

■ 77.7106, 1.8910,  
25.9029

■ 62.3001, 20.0513,  
37.4053

■ 81.2578, -0.4758,  
21.0294

■ 59.7433, 24.8666,  
36.9923


■ 84.9378, -2.4488,  
15.4219


■ 58.8076, 26.7599,


■ 88.7416, -4.0503,

36.7054

9.1397

 92.6608, -5.3041,  
2.2392

 96.2569, -8.6053,  
0.8882

 98.1846, -11.7099,  
3.1658

# Harmonies

## Analogous

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



71.0525, 29.5410, 27.1812



71.0508, 7.8814, 33.2113



71.0525, -14.5237, 33.2445

# Triad

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



71.0525, 7.8782, 33.2121



71.0525, -40.9449, -7.4826



71.0525, 29.3243, -31.9207

# Complementary

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



71.0508, 7.8814, 33.2113



58.3281, -0.5987, -43.9619

# 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.



71.0525, 7.6107, -48.4827



71.0508, 7.8814, 33.2113



71.0525, -31.9313, -31.6635

# Square

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



71.0525, 7.8782, 33.2121



71.0525, -40.8922, 13.8116



71.0525, -14.7601, -48.3761



71.0525, 42.9311, -7.7604



# Rectangle

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



71.0508, 7.8814, 33.2113



71.0525, -26.8385, 30.0224



71.0525, -14.7601, -48.3761



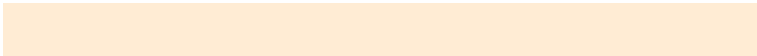
71.0525, 22.6200, -38.8524

# Sweetspot

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



71.0525, 7.8782, 33.2121



92.8168, -2.5077, 17.5088



54.6882, 52.7206, -1.5345



42.5603, -0.9702, 8.6969

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



71.0525, 7.8782, 33.2121



74.1918, 13.1172, 39.2188



87.5195, -23.4786, 44.8248



40.5891, -1.6528, 5.2346



44.1654, 19.3287, 27.5529



13.1235, 3.8626, 8.1542



# Inverse Universe

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



58.3281, -0.5987, -43.9619



57.9118, 3.2439, -61.1175



43.7387, 31.6160, -79.0369



39.5204, -2.4674, -1.0783



29.6844, 14.6932, -68.8212



9.3796, 1.9342, -15.8989



# Previews

## White Background



This preview shows how the HunterLab color 71.0508, 7.8814, 33.2113 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

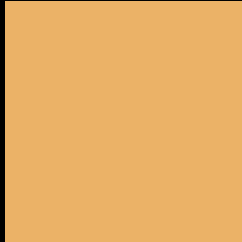
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 71.0508, 7.8814, 33.2113 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 71.0508, 7.8814, 33.2113 Background



This preview shows how black text looks on a background with the HunterLab color 71.0508, 7.8814, 33.2113.



This preview shows how white text looks on a background with the HunterLab color 71.0508, 7.8814,



# 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

71.0508, 7.8814, 33.2113

### Protanopia

71.2195, -7.8800, 32.1672

### Deuteranopia

71.1412, 5.2844, 33.2351



## Tritanopia

71.0311, 23.7283, 7.2437

# Trichromacy



## Original Color

71.0508, 7.8814, 33.2113

## Protanomaly

71.0565, -2.3475, 32.3659

## Deuteranomaly

70.9755, 6.1854, 33.1238

## Tritanomaly

70.8207, 17.4583, 18.7148

# Monochromacy



## Original Color

71.0508, 7.8814, 33.2113

## Achromatopsia

70.0729, -3.7389, 3.8072

## Achromatomaly

70.0747, -0.7788, 16.5542

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 71.0508, 7.8814, 33.2113 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(235, 178, 103)` looks like.

```
.text, #text, p{  
    color:rgb(235, 178, 103)  
}
```

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(235, 178, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 178, 103) }
```

## Border

The CSS property to change the border of an element to HunterLab 71.0508, 7.8814, 33.2113 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(235, 178, 103) }
```



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

```
.border{ border-color:rgb(235, 178, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 178, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 178, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 178, 103);  
box-shadow:4px 4px 4px 4px rgb(235, 178,  
103) }
```

# Background

The CSS property to change the background color of an element to HunterLab 71.0508, 7.8814, 33.2113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 178, 103) }
```

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

```
.background{ background-color: rgb(235,  
178, 103) }
```

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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