

Converting Colors

HunterLab(67.6468, 13.0248,
38.7031)

Have a look what the booklet for
HunterLab(67.6468, 13.0248,
38.7031) contains.

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Color

**HunterLab(67.7488, 12.9718,
38.8104)**

Conversions

Conversions Part 1

Format	Color
Hex	EFA637
RGB	239, 166, 55
RGB Percent	94%, 65%, 22%
CMY	0.0627, 0.3490, 0.7843
CMYK	0.00, 0.31, 0.77, 0.06
HSL	36°, 85%, 58%
HSV	36°, 77%, 94%
XYZ	49.9224, 45.8990, 9.8427
YIQ	175.1730, 79.1390, -19.0450

Conversions

Conversions Part 2

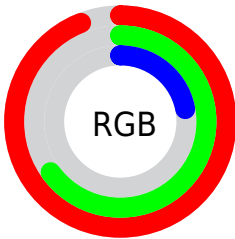
Format	Color
R_{YB}	176, 239, 55
Decimal	15705655
CIE _{Lab}	73.48, 17.73, 64.52
CIE _{LCh}	73, 66.907, 74.638
Yxy	45.9013, 0.4725, 0.4344
Android (android.graphics.Color)	4293895735 (0xFFEFA637)
YUV	175.1730, -59.2453, 55.9763
Hunter-Lab	67.7488, 12.9718, 38.8104

Details

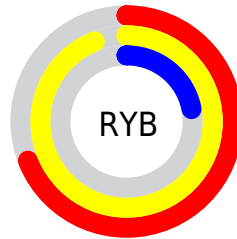
The HunterLab color **67.7488, 12.9718, 38.8104** is a light color, and the websafe version is hex **CC9933**. The color can be described as light washed orange. A complement of this color would be **47.4149, 10.6669, -72.7091**, and the grayscale version is **65.7631, -3.5090, 3.5730**.

A 20% lighter version of the original color is **86.0680, -5.7402, 42.9676**, and **46.3677, 12.7015, 28.7939** is the 20% darker color. If you saturate the color by 10%, you get **65.1181, 17.1312, 39.2385**, and if you desaturate by 10%, it is **70.5436, 9.2132, 37.4282**.

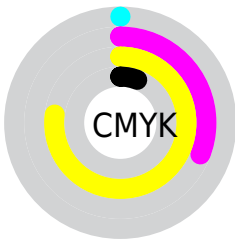
Distribution



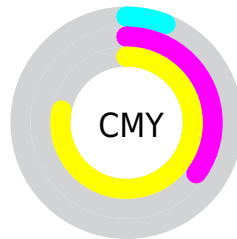
- Red (94%)
- Green (65%)
- Blue (22%)



- Red (69%)
- Yellow (94%)
- Blue (22%)



- Cyan (0%)
- Magenta (31%)
- Yellow (77%)
- Black (6%)





- Cyan (6%)
- Magenta (35%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 67.7488, 12.9718, 38.8104 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 67.7488, 12.9718, 38.8104 by changing the saturation by 10% instead.


 67.7488, 12.9718,
38.8104


 67.7488, 12.9718,
38.8104


192.4608, 12.6827,
73.1114


 56.7168, 12.6924,
34.2752


 91.6904, 13.2986,
47.3036


 46.3571, 12.3313,
29.5094

 104.5355, 13.3664,
51.3107


 36.7185, 11.8733,
24.5231


 117.9300, 13.3763,
55.1866

 27.8597, 11.3030,
19.5018

 131.8523, 13.3323,
58.9483

 19.8565, 10.6005,
13.8996

 146.2830, 13.2381,
62.6103

 12.8126, 9.7398,
8.9688

 161.2049, 13.0967,

 6.2082, 12.1096,

66.1848

4.3457

176.6023, 12.9108,
69.6822

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.7488, 12.9718,
38.8104

■ 67.7488, 12.9718,
38.8104

■ 65.1181, 17.1312,
39.2385

■ 70.5436, 9.2132,
37.4282

■ 62.6478, 21.6499,
38.7865

■ 73.4922, 5.8905,
35.0780


■ 61.9302, 23.0476,
38.5646


■ 76.5896, 3.0079,
31.7816


■ 79.8282, 0.5609,
27.5792


■ 83.2003, -1.4627,

22.5219

 86.6980, -3.0803,
16.6655

 90.3138, -4.3128,
10.0672

 94.0405, -5.1826,
2.7831

 97.3533, -8.5606,
2.2209

Harmonies

Analogous

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



67.7505, 44.4164, 32.7241



67.7488, 12.9718, 38.8104



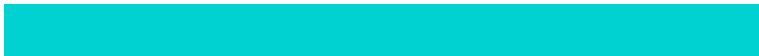
67.7505, -18.0820, 38.8740

Triad

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



67.7505, 12.9682, 38.8111



67.7505, -52.3250, -12.3253



67.7505, 43.7418, -50.5832

Complementary

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



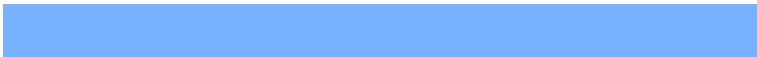
67.7488, 12.9718, 38.8104



47.4149, 10.6669, -72.7091

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.



67.7505, 12.1700, -77.7020



67.7488, 12.9718, 38.8104



67.7505, -41.1456, -49.7139

Square

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



67.7505, 12.9682, 38.8111



67.7505, -52.1893, 17.0974



67.7505, -18.7489, -77.3268



67.7505, 64.2489, -13.1857

Rectangle

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



67.7488, 12.9718, 38.8104



67.7505, -34.3763, 35.7877



67.7505, -18.7489, -77.3268



67.7505, 33.8436, -61.8228

Sweetspot

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



67.7505, 12.9682, 38.8111



91.0080, -2.3052, 21.8788



47.6002, 70.0695, 4.8607



41.4794, -0.7536, 11.1389

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



67.7505, 12.9682, 38.8111



68.6503, 20.9925, 42.0817



87.9305, -29.5342, 51.2278



41.6479, -1.8823, 5.4867



46.3233, 16.5404, 28.8338



14.0671, 3.3506, 8.7267

Inverse Universe

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



47.4149, 10.6669, -72.7091



43.9180, 21.9253, -100.2761



32.2444, 52.7647, -129.3627



40.3208, -2.3335, -1.2542



28.6138, 18.4321, -75.5542



9.3281, 2.9661, -18.0622

Previews

White Background



This preview shows how the HunterLab color 67.7488, 12.9718, 38.8104 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 67.7488, 12.9718, 38.8104 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 67.7488, 12.9718, 38.8104 Background



This preview shows how black text looks on a background with the HunterLab color 67.7488, 12.9718, 38.8104.



This preview shows how white text looks on a background with the HunterLab color 67.7488, 12.9718,

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

67.7488, 12.9718, 38.8104

Protanopia

67.7643, -8.8224, 37.9814

Deuteranopia

67.8918, 4.9546, 38.9799



Tritanopia

67.6946, 31.0500, 10.2364

Trichromacy



Original Color

67.7488, 12.9718, 38.8104

Protanomaly

67.6781, -1.5607, 38.1687

Deuteranomaly

67.8268, 7.6133, 38.8771

Tritanomaly

67.3478, 22.9479, 24.5241

Monochromacy



Original Color

67.7488, 12.9718, 38.8104

Achromatopsia

65.4745, -3.4936, 3.5574

Achromatomaly

65.6883, -0.4497, 21.0877

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 67.7488, 12.9718, 38.8104 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(239, 166, 55)` looks like.

```
.text, #text, p{  
    color:rgb(239, 166, 55)  
}
```

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(239, 166, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 166, 55) }
```

Border

The CSS property to change the border of an element to HunterLab 67.7488, 12.9718, 38.8104 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(239, 166, 55) }
```


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

```
.border{ border-color:rgb(239, 166, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 166, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 166, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 166, 55);  
box-shadow:4px 4px 4px 4px rgb(239, 166,  
55) }
```

Background

The CSS property to change the background color of an element to HunterLab 67.7488, 12.9718, 38.8104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 166, 55) }
```

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

```
.background{ background-color: rgb(239,  
166, 55) }
```

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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