

Converting Colors

HunterLab(67.8080, 4.7451,
38.3659)

Have a look what the booklet for
HunterLab(67.8080, 4.7451,
38.3659) contains.

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Color

**HunterLab(67.8080, 4.7451,
38.3659)**

Conversions

Conversions Part 1

Format	Color
Hex	E2AC3A
RGB	226, 172, 58
RGB Percent	89%, 67%, 23%
CMY	0.1137, 0.3255, 0.7725
CMYK	0.00, 0.24, 0.74, 0.11
HSL	41°, 74%, 56%
HSV	41°, 74%, 89%
XYZ	46.8802, 45.9792, 10.4070
YIQ	175.1500, 68.7780, -24.0060

Conversions

Conversions Part 2

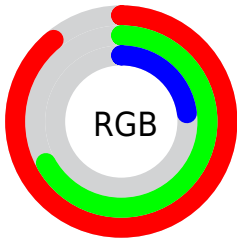
Format	Color
RYB	138, 226, 58
Decimal	14855226
CIELab	73.53, 9.13, 62.92
CIELCh	74, 63.582, 81.740
Yxy	45.9815, 0.4540, 0.4453
Android (android.graphics.Color)	4293045306 (0xFFE2AC3A)
YUV	175.1500, -57.7550, 44.5954
Hunter-Lab	67.8080, 4.7451, 38.3659

Details

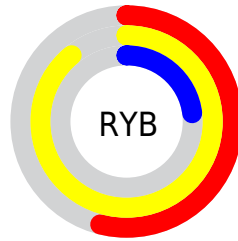
The HunterLab color **67.8080, 4.7451, 38.3659** is a light color, and the websafe version is hex **CC9933**. The color can be described as light washed orange. A complement of this color would be **42.4008, 15.3262, -74.2151**, and the grayscale version is **65.7505, -3.5083, 3.5723**.

A 20% lighter version of the original color is **87.9591, -8.5584, 43.7173**, and **46.4111, 5.0952, 28.6875** is the 20% darker color. If you saturate the color by 10%, you get **65.6581, 7.6594, 39.1279**, and if you desaturate by 10%, it is **70.0751, 2.2061, 36.6978**.

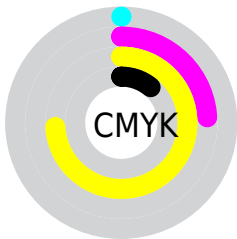
Distribution



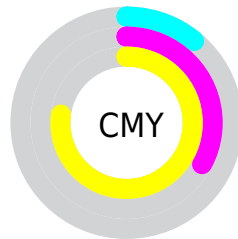
- Red (89%)
- Green (67%)
- Blue (23%)



- Red (54%)
- Yellow (89%)
- Blue (23%)



- Cyan (0%)
- Magenta (24%)
- Yellow (74%)
- Black (11%)



- Cyan (11%)
- Magenta (33%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 67.8080, 4.7451, 38.3659 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 67.8080, 4.7451, 38.3659 by changing the saturation by 10% instead.

67.8080, 4.7451,
38.3659

67.8080, 4.7451,
38.3659

192.5446, 1.4205,
71.9180

56.7726, 4.8738,
33.9331

91.7558, 4.3104,
46.6663

46.4092, 4.9417,
29.2726

104.6039, 4.0200,
50.5835

36.7668, 4.9373,
24.3686

118.0012, 3.6846,
54.3734

27.9037, 4.8492,
19.5326

131.9262, 3.3071,
58.0528

19.8958, 4.6616,
13.9271

146.3595, 2.8900,
61.6359

12.8465, 4.3502,
8.9926

161.2839, 2.4353,

6.2545, 6.0297,

65.1347

4.3781

176.6837, 1.9449,
68.5592

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.8080, 4.7451,
38.3659

■ 67.8080, 4.7451,
38.3659

■ 65.6581, 7.6594,
39.1279

■ 70.0751, 2.2061,
36.6978

■ 63.6188, 10.9241,
39.0441

■ 72.4534, 0.0692,
34.1021

■ 62.5063, 12.8803,
38.7416

■ 74.9420, -1.6631,
30.5862

■ 77.5377, -2.9934,
26.1742

■ 80.2364, -3.9305,

20.9012

■ 83.0340, -4.4872,
14.8090

■ 85.9260, -4.6791,
7.9429

■ 88.9080, -4.5234,
0.3496

■ 91.7475, -5.2881,
-4.6965

Harmonies

Analogous

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



67.8097, 35.3032, 33.9087



67.8080, 4.7451, 38.3659



67.8097, -23.4245, 37.1639

Triad

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



67.8097, 4.7419, 38.3665



67.8097, -48.7689, -19.5566



67.8097, 47.0523, -39.0730

Complementary

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



67.8080, 4.7451, 38.3659



42.4008, 15.3262, -74.2151

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.



67.8097, 18.7515, -68.2272



67.8080, 4.7451, 38.3659



67.8097, -35.3624, -53.9997

Square

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



67.8097, 4.7419, 38.3665



67.8097, -51.2180, 11.0111



67.8097, -11.5988, -74.6236



67.8097, 62.3242, -4.5486

Rectangle

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



67.8080, 4.7451, 38.3659



67.8097, -37.4777, 32.9188



67.8097, -11.5988, -74.6236



67.8097, 38.5387, -50.3456

Sweetspot

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



67.8097, 4.7419, 38.3665



92.6983, -4.6834, 22.5177



45.1775, 62.8401, 8.0449



42.4872, -2.0635, 11.2514

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



67.8097, 4.7419, 38.3665



74.0433, 10.7063, 44.9304



81.6723, -30.9192, 46.8784



39.0486, -2.1391, 5.3379



47.4483, 9.2763, 29.3998



13.1162, 1.2810, 8.1046

Inverse Universe

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



42.4008, 15.3262, -74.2151



40.9551, 29.3704, -111.2115



32.3976, 48.4214, -110.8648



37.3616, -1.7930, -1.4284



24.5246, 24.5711, -83.6954



7.5839, 3.7181, -17.5055

Previews

White Background



This preview shows how the HunterLab color 67.8080, 4.7451, 38.3659 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 67.8080, 4.7451, 38.3659 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 67.8080, 4.7451, 38.3659 Background



This preview shows how black text looks on a background with the HunterLab color 67.8080, 4.7451, 38.3659.



This preview shows how white text looks on a background with the HunterLab color 67.8080, 4.7451,

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

67.8080, 4.7451, 38.3659

Protanopia

67.7721, -8.7795, 37.8672

Deuteranopia

67.8080, 4.7451, 38.3659



Tritanopia

67.8228, 24.0079, 7.6511

Trichromacy



Original Color

67.8080, 4.7451, 38.3659

Protanomaly

67.8273, -4.0254, 38.1075

Deuteranomaly

67.8080, 4.7451, 38.3659

Tritanomaly

67.4818, 15.5056, 22.9873

Monochromacy



Original Color

67.8080, 4.7451, 38.3659

Achromatopsia

65.4745, -3.4936, 3.5574

Achromatomaly

65.8843, -2.7288, 20.9049

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 67.8080, 4.7451, 38.3659 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(226, 172, 58)` looks like.

```
.text, #text, p{  
    color:rgb(226, 172, 58)  
}
```

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(226, 172, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 172, 58) }
```

Border

The CSS property to change the border of an element to HunterLab 67.8080, 4.7451, 38.3659 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(226, 172, 58) }
```


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

```
.border{ border-color:rgb(226, 172, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 172, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 172, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 172, 58);  
box-shadow:4px 4px 4px 4px rgb(226, 172,  
58) }
```

Background

The CSS property to change the background color of an element to HunterLab 67.8080, 4.7451, 38.3659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 172, 58) }
```

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

```
.background{ background-color: rgb(226,  
172, 58) }
```

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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