

Converting Colors

HunterLab(67.6455, -48.1948,
40.5126)

Have a look what the booklet for
HunterLab(67.6455, -48.1948,
40.5126) contains.

HunterLab(67.6433, -48.1951, 40.5040)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(67.6433,
-48.1951, 40.5040)**

Conversions

Conversions Part 1

Format	Color
Hex	61CC0D
RGB	97, 204, 13
RGB Percent	38%, 80%, 5%
CMY	0.6196, 0.2000, 0.9489
CMYK	0.52, 0.00, 0.94, 0.20
HSL	94°, 88%, 43%
HSV	94°, 94%, 80%
XYZ	26.5953, 45.7562, 7.8109
YIQ	150.2330, -2.4610, -82.0850

Conversions

Conversions Part 2

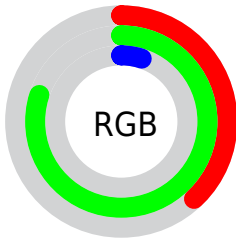
Format	Color
RYB	13, 204, 120
Decimal	6409229
CIELab	73.39, -58.26, 71.01
CIELCh	73, 91.851, 129.365
Yxy	45.7581, 0.3318, 0.5708
Android (android.graphics.Color)	4284599309 (0xFF61CC0D)
YUV	150.2330, -67.6559, -46.6853
Hunter-Lab	67.6433, -48.1951, 40.5040

Details

The HunterLab color **67.6433, -48.1951, 40.5040** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **29.3991, 62.6553, -96.0020**, and the grayscale version is **55.5872, -2.9660, 3.0202**.

A 20% lighter version of the original color is **89.0842, -53.0176, 48.1055**, and **46.5342, -39.0226, 27.9910** is the 20% darker color. If you saturate the color by 10%, you get **67.3398, -49.5046, 40.6278**, and if you desaturate by 10%, it is **68.2019, -45.7804, 39.9464**.

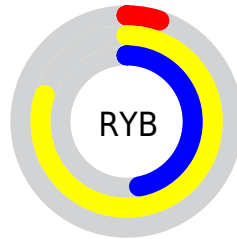
Distribution



Red (38%)

Green (80%)

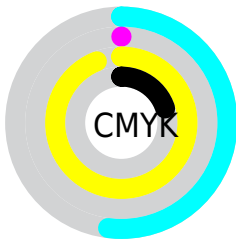
Blue (5%)



Red (5%)

Yellow (80%)

Blue (47%)

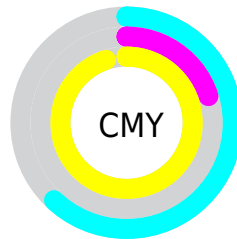


Cyan (52%)

Magenta (0%)

Yellow (94%)

Black (20%)



Cyan (62%)


Magenta (20%)


Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 67.6433, -48.1951, 40.5040 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 67.6433, -48.1951, 40.5040 by changing the saturation by 10% instead.


 67.6433, -48.1951,
40.5040


 67.6433, -48.1951,
40.5040


192.3110,
-78.6016, 77.8505


 56.6171, -44.2053,
35.5596


 91.5734, -55.6567,
49.7738


 46.2639, -39.9830,
30.3797


 104.4133,
-59.1856, 54.1462


 36.6323, -35.4647,
25.2132


 117.8028,
-62.6090, 58.3721

 27.7811, -30.5557,
19.4468

 131.7202,
-65.9426, 62.4695

 19.7863, -25.1119,
13.8504

 146.1463,
-69.1991, 66.4537

 12.7519, -22.3158,
8.9263

 161.0637,

 6.1246, -10.7180,

-72.3889, 70.3379

4.2872

176.4567,
-75.5207, 74.1336

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.6433, -48.1951,
40.5040

■ 67.6433, -48.1951,
40.5040

■ 67.3398, -49.5046,
40.6278

■ 68.2019, -45.7804,
39.9464

■ 68.8733, -42.8242,
38.7042

■ 69.6660, -39.3034,
36.6928

■ 70.5844, -35.2106,
33.8588

■ 71.6315, -30.5512,

30.1734

■ 72.8083, -25.3411,
25.6273

■ 74.1149, -19.6044,
20.2276

■ 75.5502, -13.3711,
13.9944

■ 77.1123, -6.6754,
6.9581

Harmonies

Analogous

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



67.6447, -16.4569, 44.2982



67.6433, -48.1951, 40.5040



67.6447, -64.5624, 25.8236

Triad

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



67.6447, -48.1963, 40.5043



67.6447, -30.1766, -117.7168



67.6447, 97.9127, 15.1944

Complementary

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



67.6433, -48.1951, 40.5040



29.3991, 62.6553, -96.0020

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.



67.6447, 91.6093, -30.0182



67.6433, -48.1951, 40.5040



67.6447, 10.2671, -127.5358

Square

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



67.6447, -48.1963, 40.5043



67.6447, -56.0923, -66.9169



67.6447, 56.7128, -88.7678



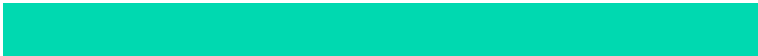
67.6447, 72.2571, 36.8428

Rectangle

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



67.6433, -48.1951, 40.5040



67.6447, -67.6757, 4.5422



67.6447, 56.7128, -88.7678



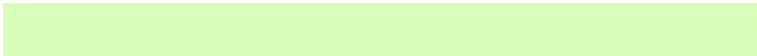
67.6447, 99.5782, 2.8105

Sweetspot

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



67.6447, -48.1963, 40.5043



94.5571, -28.8151, 29.4647



50.8315, 21.5249, 31.2540



43.4129, -14.7986, 14.9946

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



67.6447, -48.1963, 40.5043



86.5870, -63.9989, 52.2341



65.8282, -55.7868, 38.8765



35.7411, -4.9715, 5.2159



53.4729, -39.0670, 32.2658



12.3279, -8.1214, 7.4542

Inverse Universe

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



29.3991, 62.6553, -96.0020



36.1223, 81.8476, -131.5950



41.2817, 78.3856, -46.8789



33.3898, 1.4048, -1.7219



22.5038, 50.7316, -79.9779



5.5293, 12.0292, -16.2724

Previews

White Background



This preview shows how the HunterLab color 67.6433, -48.1951, 40.5040 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 67.6433, -48.1951, 40.5040 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 67.6433, -48.1951, 40.5040 Background



This preview shows how black text looks on a background with the HunterLab color 67.6433, -48.1951, 40.5040.



This preview shows how white text looks on a background with the HunterLab color 67.6433, -48.1951, 40.5040.

-48.1951, 40.5040.

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

67.6433, -48.1951, 40.5040

Protanopia

66.9304, -9.1774, 41.0815

Deuteranopia

67.0309, 4.8245, 39.3670



Tritanopia

67.5238, -18.0031, -9.4220

Trichromacy



Original Color

67.6433, -48.1951, 40.5040

Protanomaly

66.2344, -26.1123, 40.2276

Deuteranomaly

65.5936, -18.5940, 38.8577

Tritanomaly

66.6516, -33.7301, 20.0899

Monochromacy



Original Color

67.6433, -48.1951, 40.5040

Achromatopsia

55.2257, -2.9467, 3.0005

Achromatomaly

58.7323, -23.6555, 23.6054

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 67.6433, -48.1951, 40.5040 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(97, 204, 13)` looks like.

```
.text, #text, p{  
    color:rgb(97, 204, 13)  
}
```

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(97, 204, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 204, 13) }
```

Border

The CSS property to change the border of an element to HunterLab 67.6433, -48.1951, 40.5040 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(97, 204, 13) }
```


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

```
.border{ border-color:rgb(97, 204, 13) }
```

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

Here you see how a box with a 4 pixel rgb(97, 204, 13) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 204, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 204, 13);  
box-shadow:4px 4px 4px 4px rgb(97, 204,  
13) }
```

Background

The CSS property to change the background color of an element to HunterLab 67.6433, -48.1951, 40.5040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 204, 13) }
```

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

```
.background{ background-color: rgb(97, 204,  
13) }
```

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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