

Converting Colors

HunterLab(70.4864, -50.4575,
38.4694)

Have a look what the booklet for
HunterLab(70.4864, -50.4575,
38.4694) contains.

HunterLab(70.4849, -50.4563, 38.4691)	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(70.4849,
-50.4563, 38.4691)**

Conversions

Conversions Part 1

Format	Color
Hex	5BD440
RGB	91, 212, 64
RGB Percent	36%, 83%, 25%
CMY	0.6431, 0.1686, 0.7490
CMYK	0.57, 0.00, 0.70, 0.17
HSL	109°, 63%, 54%
HSV	109°, 70%, 83%
XYZ	28.7832, 49.6812, 12.9228
YIQ	158.9490, -24.6080, -71.6800

Conversions

Conversions Part 2

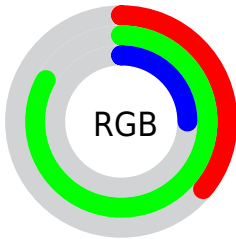
Format	Color
RYB	64, 212, 185
Decimal	6018112
CIELab	75.87, -60.24, 60.11
CIELCh	76, 85.103, 135.060
Yxy	49.6833, 0.3150, 0.5436
Android (android.graphics.Color)	4284208192 (0xFF5BD440)
YUV	158.9490, -46.8099, -59.5913
Hunter-Lab	70.4849, -50.4563, 38.4691

Details

The HunterLab color **70.4849, -50.4563, 38.4691** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **43.2855, 63.3352, -57.5401**, and the grayscale version is **59.0543, -3.1510, 3.2085**.

A 20% lighter version of the original color is **89.1781, -51.9004, 42.4391**, and **48.7616, -41.8131, 29.3147** is the 20% darker color. If you saturate the color by 10%, you get **69.7887, -53.6462, 40.1386**, and if you desaturate by 10%, it is **71.3843, -46.3620, 36.0013**.

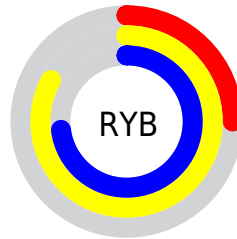
Distribution



Red (36%)

Green (83%)

Blue (25%)



Red (25%)

Yellow (83%)

Blue (73%)

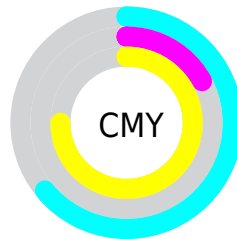


Cyan (57%)

Magenta (0%)

Yellow (70%)

Black (17%)



Cyan (64%)

Magenta (17%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.4849, -50.4563, 38.4691 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 70.4849, -50.4563, 38.4691 by changing the saturation by 10% instead.

■ 70.4849, -50.4563,
38.4691

■ 70.4849, -50.4563,
38.4691

196.3227,
-81.5203, 70.4960

■ 59.2974, -46.3914,
34.2630

■ 94.7130, -58.0701,
46.3572

■ 48.7725, -42.0968,
29.8426

■ 107.6917,
-61.6746, 50.0875

■ 38.9565, -37.5122,
25.1780

■ 121.2144,
-65.1726, 53.7016

■ 29.9050, -32.5487,
20.6926

■ 135.2600,
-68.5798, 57.2151

■ 21.6889, -27.0732,
15.1822

■ 149.8098,
-71.9086, 60.6412

■ 14.4038, -22.7306,
10.0827

164.8468,

■ 8.0644, -14.1126,

-75.1694, 63.9907

5.6451

180.3558,
-78.3709, 67.2730

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.4849, -50.4563,
38.4691

■ 70.4849, -50.4563,
38.4691

■ 69.7887, -53.6462,
40.1386

■ 71.3843, -46.3620,
36.0013

■ 69.2790, -55.9614,
41.0771

■ 72.4902, -41.3578,
32.7008

■ 68.9356, -57.4996,
41.4612


■ 73.8084, -35.4686,
28.5635


■ 68.9303, -57.5235,
41.4675

■ 75.3397, -28.7391,
23.6081


■ 77.0825, -21.2292,

17.8718

 79.0328, -13.0094,
11.4049

 81.1848, -4.1556,
4.2669

 83.5314, 5.2549,
-3.4786

 86.0644, 15.1468,
-11.7664

Harmonies

Analogous

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



70.4864, -22.6990, 44.2704



70.4849, -50.4563, 38.4691



70.4864, -63.8598, 20.2470

Triad

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



70.4864, -50.4575, 38.4694



70.4864, -22.5607, -110.1738



70.4864, 87.2042, 20.3564

Complementary

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



70.4849, -50.4563, 38.4691



43.2855, 63.3352, -57.5401

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.



70.4864, 87.2648, -17.8115



70.4849, -50.4563, 38.4691



70.4864, 17.4066, -110.0826

Square

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



70.4864, -50.4575, 38.4694



70.4864, -50.3758, -70.3224



70.4864, 59.5310, -70.1168



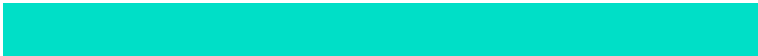
70.4864, 59.3803, 38.5110

Rectangle

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



70.4849, -50.4563, 38.4691



70.4864, -65.2958, -2.9427



70.4864, 59.5310, -70.1168



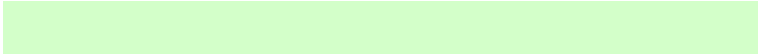
70.4864, 90.6456, 10.0033

Sweetspot

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



70.4864, -50.4575, 38.4694



94.6780, -27.5253, 23.0799



70.0084, -6.7585, 38.9121



43.5178, -13.9555, 11.6171

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.4864, -50.4575, 38.4694



85.6613, -67.6933, 50.1596



70.2310, -50.4142, 29.7288



37.4217, -5.9988, 5.2713



54.1877, -45.0723, 32.6011



13.4326, -10.5422, 8.0925

Inverse Universe

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



43.2855, 63.3352, -57.5401



48.3532, 89.3819, -84.6469



45.1515, 62.4765, -17.9144



35.3735, 2.2862, -1.5238



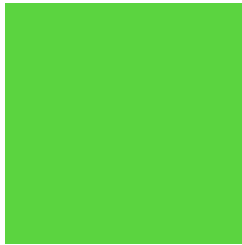
29.1253, 59.9533, -59.2821



7.3629, 15.0130, -13.8766

Previews

White Background



This preview shows how the HunterLab color 70.4849, -50.4563, 38.4691 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 70.4849, -50.4563, 38.4691 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 70.4849, -50.4563, 38.4691 Background



This preview shows how black text looks on a background with the HunterLab color 70.4849, -50.4563, 38.4691.



This preview shows how white text looks on a background with the HunterLab color 70.4849, -50.4563, 38.4691.

-50.4563, 38.4691.

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

70.4849, -50.4563, 38.4691

Protanopia

69.8735, -9.0841, 39.6121

Deuteranopia

69.6961, 5.6266, 37.0720



Tritanopia

70.2715, -20.4604, -10.7338

Trichromacy



Original Color

70.4849, -50.4563, 38.4691



Protanomaly

68.8155, -27.4420, 38.2402



Deuteranomaly

68.2396, -19.5232, 36.3803



Tritanomaly

69.7098, -34.4973, 14.4529

Monochromacy



Original Color

70.4849, -50.4563, 38.4691



Achromatopsia

58.8816, -3.1418, 3.1991



Achromatomaly

61.9390, -23.6951, 19.4984

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.4849, -50.4563, 38.4691 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(91, 212, 64)` looks like.

```
.text, #text, p{  
    color:rgb(91, 212, 64)  
}
```

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(91, 212, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 212, 64) }
```

Border

The CSS property to change the border of an element to HunterLab 70.4849, -50.4563, 38.4691 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(91, 212, 64) }
```


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

```
.border{ border-color:rgb(91, 212, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 212, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 212, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 212, 64);  
box-shadow:4px 4px 4px 4px rgb(91, 212,  
64) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.4849, -50.4563, 38.4691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 212, 64) }
```

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

```
.background{ background-color: rgb(91, 212,  
64) }
```

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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