

Converting Colors

HunterLab(70.0811, -50.2234,
37.4860)

Have a look what the booklet for
HunterLab(70.0811, -50.2234,
37.4860) contains.

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Color

**HunterLab(70.0663,
-50.2826, 37.5300)**

Conversions

Conversions Part 1

Format	Color
Hex	58D345
RGB	88, 211, 69
RGB Percent	35%, 83%, 27%
CMY	0.6549, 0.1725, 0.7294
CMYK	0.58, 0.00, 0.67, 0.17
HSL	112°, 62%, 55%
HSV	112°, 67%, 83%
XYZ	28.3929, 49.0929, 13.6096
YIQ	158.0350, -27.7260, -70.2380

Conversions

Conversions Part 2

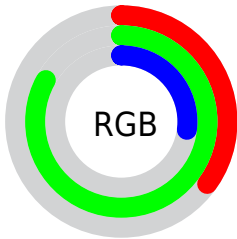
Format	Color
RYB	69, 211, 192
Decimal	5821253
CIELab	75.51, -60.19, 57.78
CIElCh	76, 83.435, 136.175
Yxy	49.0949, 0.3117, 0.5389
Android (android.graphics.Color)	4284011333 (0xFF58D345)
YUV	158.0350, -43.8943, -61.4207
Hunter-Lab	70.0663, -50.2826, 37.5300

Details

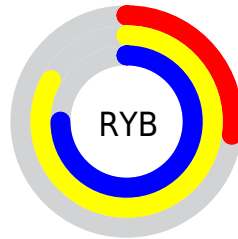
The HunterLab color **70.0663, -50.2826, 37.5300** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **44.9084, 63.0191, -52.5918**, and the grayscale version is **58.6705, -3.1305, 3.1877**.

A 20% lighter version of the original color is **89.0869, -52.1275, 41.2915**, and **48.4177, -41.5181, 29.1079** is the 20% darker color. If you saturate the color by 10%, you get **69.3505, -53.5864, 39.4135**, and if you desaturate by 10%, it is **71.0012, -46.0098, 34.8482**.

Distribution



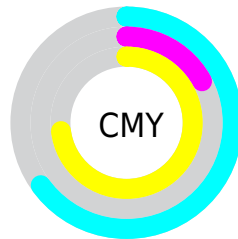
- Red (35%)
- Green (83%)
- Blue (27%)



- Red (27%)
- Yellow (83%)
- Blue (75%)



- Cyan (58%)
- Magenta (0%)
- Yellow (67%)
- Black (17%)



- Cyan (65%)
- Magenta (17%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.0663, -50.2826, 37.5300 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 70.0663, -50.2826, 37.5300 by changing the saturation by 10% instead.

■ 70.0663, -50.2826,
37.5300

■ 70.0663, -50.2826,
37.5300

195.7335,
-81.3578, 68.5133

■ 58.9023, -46.2130,
33.4661

■ 94.2510, -57.9023,
45.1513

■ 48.4023, -41.9122,
29.1928

■ 107.2094,
-61.5087, 48.7567

■ 38.6132, -37.3189,
24.6778

■ 120.7127,
-65.0081, 52.2512

■ 29.5907, -32.3431,
20.2303

■ 134.7396,
-68.4161, 55.6500

■ 21.4066, -26.8497,
14.9846

■ 149.2713,
-71.7456, 58.9658

■ 14.1577, -22.7262,
9.9104

164.2909,

■ 7.8104, -13.6683,

-75.0068, 62.2092

5.4673

179.7830,
-78.2084, 65.3891

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.0663, -50.2826,
37.5300

■ 70.0663, -50.2826,
37.5300

■ 69.3505, -53.5864,
39.4135

■ 71.0012, -46.0098,
34.8482

■ 68.8361, -55.9502,
40.5541

■ 72.1591, -40.7662,
31.3448

■ 68.5048, -57.4543,
41.0648


■ 73.5456, -34.5835,
27.0261


■ 68.4402, -57.7483,
41.1615

■ 75.1615, -27.5150,
21.9204


■ 77.0041, -19.6307,

16.0737

 79.0687, -11.0112,
9.5440

 81.3483, -1.7421,
2.3961

 83.8345, 8.0910,
-5.3019

 86.3709, 17.6384,
-11.4141

Harmonies

Analogous

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



70.0678, -23.5428, 43.6566



70.0663, -50.2826, 37.5300



70.0678, -62.9782, 18.8864

Triad

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



70.0678, -50.2837, 37.5303



70.0678, -20.8730, -107.7746



70.0678, 84.4240, 21.0042

Complementary

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



70.0663, -50.2826, 37.5300



44.9084, 63.0191, -52.5918

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.



70.0678, 85.5851, -15.5923



70.0663, -50.2826, 37.5300



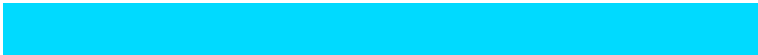
70.0678, 18.5346, -106.0365

Square

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



70.0678, -50.2837, 37.5303



70.0678, -48.7017, -70.2227



70.0678, 59.4102, -66.2953



70.0678, 56.5197, 38.3462

Rectangle

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



70.0663, -50.2826, 37.5300



70.0678, -64.0749, -4.3522



70.0678, 59.4102, -66.2953



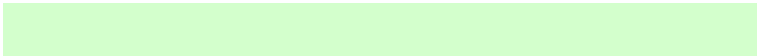
70.0678, 88.1350, 11.1020

Sweetspot

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



70.0678, -50.2837, 37.5303



94.7113, -27.2735, 22.1214



71.3989, -9.2242, 39.1582



43.5152, -13.9109, 11.1946

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.0678, -50.2837, 37.5303



85.6020, -67.8751, 49.5886



70.1289, -48.7542, 27.6829



36.4431, -5.9723, 5.0866



53.1908, -44.7585, 31.9924



12.6779, -10.1573, 7.6343

Inverse Universe

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



44.9084, 63.0191, -52.5918



50.7561, 90.2548, -77.6588



45.4865, 59.5263, -15.0633



34.5334, 2.3627, -1.4172



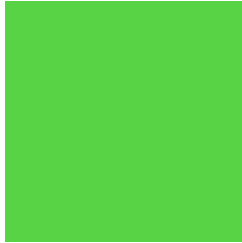
29.8826, 60.6730, -54.3177



7.2252, 14.5699, -12.3577

Previews

White Background



This preview shows how the HunterLab color 70.0663, -50.2826, 37.5300 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 70.0663, -50.2826, 37.5300 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 70.0663, -50.2826, 37.5300 Background



This preview shows how black text looks on a background with the HunterLab color 70.0663, -50.2826, 37.5300.



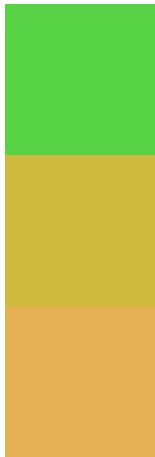
This preview shows how white text looks on a background with the HunterLab color 70.0663,

-50.2826, 37.5300.

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

70.0663, -50.2826, 37.5300

Protanopia

69.5062, -8.7656, 38.7884

Deuteranopia

69.5002, 5.0545, 36.2732



Tritanopia

69.7557, -20.7791, -10.8867

Trichromacy



Original Color

70.0663, -50.2826, 37.5300



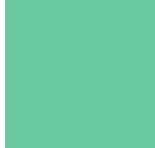
Protanomaly

68.4527, -27.0756, 37.3746



Deuteranomaly

68.1146, -19.8877, 35.5122



Tritanomaly

69.2838, -34.3256, 13.2368

Monochromacy



Original Color

70.0663, -50.2826, 37.5300



Achromatopsia

58.4734, -3.1200, 3.1770



Achromatomaly

61.5932, -23.2783, 18.5453

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.0663, -50.2826, 37.5300 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(88, 211, 69)` looks like.

```
.text, #text, p{  
    color:rgb(88, 211, 69)  
}
```

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(88, 211, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 211, 69) }
```

Border

The CSS property to change the border of an element to HunterLab 70.0663, -50.2826, 37.5300 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(88, 211, 69) }
```


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

```
.border{ border-color:rgb(88, 211, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 211, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 211, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 211, 69);  
box-shadow:4px 4px 4px 4px rgb(88, 211,  
69) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.0663, -50.2826, 37.5300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 211, 69) }
```

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

```
.background{ background-color: rgb(88, 211,  
69) }
```

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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