

Converting Colors

HunterLab(70.6628, -51.0545,
40.3115)

Have a look what the booklet for
HunterLab(70.6628, -51.0545,
40.3115) contains.

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Color

**HunterLab(70.8019,
-51.1893, 40.3900)**

Conversions

Conversions Part 1

Format	Color
Hex	5DD530
RGB	93, 213, 48
RGB Percent	36%, 84%, 19%
CMY	0.6353, 0.1647, 0.8117
CMYK	0.56, 0.00, 0.77, 0.16
HSL	104°, 66%, 51%
HSV	104°, 77%, 84%
XYZ	28.8420, 50.1291, 10.9521
YIQ	158.3100, -18.5550, -76.7550

Conversions

Conversions Part 2

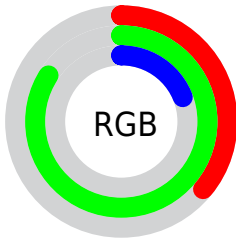
Format	Color
RYB	48, 213, 168
Decimal	6149424
CIELab	76.15, -61.20, 65.86
CIELCh	76, 89.906, 132.897
Yxy	50.1312, 0.3207, 0.5575
Android (android.graphics.Color)	4284339504 (0xFF5DD530)
YUV	158.3100, -54.3828, -57.2769
Hunter-Lab	70.8019, -51.1893, 40.3900

Details

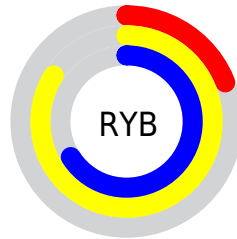
The HunterLab color **70.8019, -51.1893, 40.3900** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **39.0447, 65.2514, -70.3946**, and the grayscale version is **58.8216, -3.1386, 3.1959**.

A 20% lighter version of the original color is **89.1356, -52.3740, 44.7556**, and **49.1191, -42.0521, 29.5308** is the 20% darker color. If you saturate the color by 10%, you get **70.1907, -53.9382, 41.4460**, and if you desaturate by 10%, it is **71.5843, -47.6645, 38.5707**.

Distribution



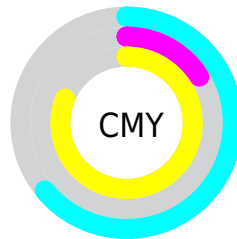
- Red (36%)
- Green (84%)
- Blue (19%)



- Red (19%)
- Yellow (84%)
- Blue (66%)



- Cyan (56%)
- Magenta (0%)
- Yellow (77%)
- Black (16%)



- Cyan (64%)
- Magenta (16%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.8019, -51.1893, 40.3900 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 70.8019, -51.1893, 40.3900 by changing the saturation by 10% instead.

70.8019, -51.1893,
40.3900

70.8019, -51.1893,
40.3900

196.7686,
-82.6469, 75.0421

59.5967, -47.0696,
35.8266

95.0627, -58.9042,
48.9502

49.0529, -42.7168,
31.0380

108.0567,
-62.5556, 52.9951

39.2168, -38.0699,
26.0031

121.5941,
-66.0986, 56.9104

30.1433, -33.0398,
21.1003

135.6538,
-69.5488, 60.7126

21.9031, -27.4930,
15.3322

150.2172,
-72.9190, 64.4158

14.5908, -23.0214,
10.2136

165.2675,

8.2511, -14.4395,

-76.2199, 68.0320

5.7758

180.7892,
-79.4601, 71.5712

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.8019, -51.1893,
40.3900

■ 70.8019, -51.1893,
40.3900

■ 70.1907, -53.9382,
41.4460

■ 71.5843, -47.6645,
38.5707

■ 69.7331, -55.9592,
41.8576

■ 72.5418, -43.3435,
35.9239


■ 69.6367, -56.3843,
41.9227


■ 73.6807, -38.2338,
32.4186


■ 75.0035, -32.3603,
28.0491


■ 76.5102, -25.7625,

22.8305

 78.1990, -18.4910,
16.7947

 80.0662, -10.6033,
9.9856

 82.1073, -2.1606,
2.4558

 84.3162, 6.7748,
-5.7372

Harmonies

Analogous

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



70.8034, -21.0844, 45.4416



70.8019, -51.1893, 40.3900



70.8034, -66.0951, 23.0870

Triad

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



70.8034, -51.1905, 40.3903



70.8034, -26.2091, -117.6552



70.8034, 94.5657, 19.0784

Complementary

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



70.8019, -51.1893, 40.3900



39.0447, 65.2514, -70.3946

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.



70.8034, 92.2655, -22.9741



70.8019, -51.1893, 40.3900



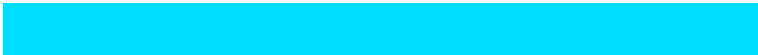
70.8034, 15.3608, -121.1786

Square

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



70.8034, -51.1905, 40.3903



70.8034, -54.1774, -71.9221



70.8034, 60.7370, -79.8124



70.8034, 66.4318, 38.9399

Rectangle

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



70.8019, -51.1893, 40.3900



70.8034, -68.2197, -0.1815



70.8034, 60.7370, -79.8124



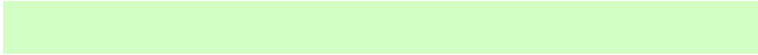
70.8034, 97.4895, 7.6651

Sweetspot

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



70.8034, -51.1905, 40.3903



94.6412, -27.9123, 24.9806



64.5952, 2.0746, 37.2723



43.4455, -14.3840, 12.7637

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.8034, -51.1905, 40.3903



85.6623, -67.8237, 51.2057



69.8967, -54.3754, 35.0457



37.4942, -5.7389, 5.3547



54.4645, -43.8975, 32.7923



13.5285, -10.1402, 8.1587

Inverse Universe

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



39.0447, 65.2514, -70.3946



43.1714, 88.1094, -101.7862



44.0973, 70.4159, -27.6994



35.2910, 2.0085, -1.6342



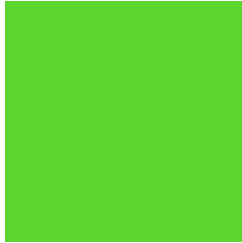
26.9056, 56.9832, -67.1598



6.9035, 14.3863, -15.4133

Previews

White Background



This preview shows how the HunterLab color 70.8019, -51.1893, 40.3900 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 70.8019, -51.1893, 40.3900 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 70.8019, -51.1893, 40.3900 Background



This preview shows how black text looks on a background with the HunterLab color 70.8019, -51.1893, 40.3900.



This preview shows how white text looks on a background with the HunterLab color 70.8019,

-51.1893, 40.3900.

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

70.8019, -51.1893, 40.3900

Protanopia

70.2868, -9.3579, 41.3770

Deuteranopia

70.0986, 5.2895, 39.1844



Tritanopia

70.3763, -20.0710, -10.5824

Trichromacy



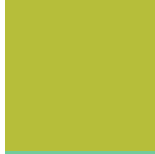
Original Color

70.8019, -51.1893, 40.3900



Protanomaly

69.1933, -27.8805, 40.1067



Deuteranomaly

68.6130, -19.9950, 38.4699



Tritanomaly

69.6819, -34.8508, 16.3150

Monochromacy



Original Color

70.8019, -51.1893, 40.3900



Achromatopsia

58.4734, -3.1200, 3.1770



Achromatomaly

61.8200, -24.3867, 21.2282

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.8019, -51.1893, 40.3900 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(93, 213, 48)` looks like.

```
.text, #text, p{  
    color:rgb(93, 213, 48)  
}
```

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(93, 213, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 213, 48) }
```

Border

The CSS property to change the border of an element to HunterLab 70.8019, -51.1893, 40.3900 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(93, 213, 48) }
```


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

```
.border{ border-color:rgb(93, 213, 48) }
```

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

Here you see how a box with a 4 pixel rgb(93, 213, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 213, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 213, 48);  
box-shadow:4px 4px 4px 4px rgb(93, 213,  
48) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.8019, -51.1893, 40.3900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 213, 48) }
```

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

```
.background{ background-color: rgb(93, 213,  
48) }
```

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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