

Converting Colors

HunterLab(70.9734, -51.7741,
33.4295)

Have a look what the booklet for
HunterLab(70.9734, -51.7741,
33.4295) contains.

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Color

**HunterLab(70.8931,
-51.7243, 33.3202)**

Conversions

Conversions Part 1

Format	Color
Hex	46D661
RGB	70, 214, 97
RGB Percent	27%, 84%, 38%
CMY	0.7255, 0.1608, 0.6196
CMYK	0.67, 0.00, 0.55, 0.16
HSL	131°, 64%, 56%
HSV	131°, 67%, 84%
XYZ	28.7300, 50.2583, 19.4959
YIQ	157.6060, -48.2670, -66.9150

Conversions

Conversions Part 2

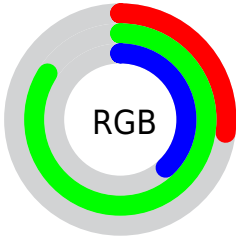
Format	Color
RYB	70, 191, 214
Decimal	4642401
CIELab	76.23, -61.97, 46.29
CIELCh	76, 77.352, 143.245
Yxy	50.2604, 0.2917, 0.5103
Android (android.graphics.Color)	4282832481 (0xFF46D661)
YUV	157.6060, -29.8788, -76.8305
Hunter-Lab	70.8931, -51.7243, 33.3202

Details

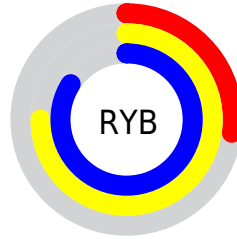
The HunterLab color **70.8931, -51.7243, 33.3202** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **47.1859, 64.5523, -28.8690**, and the grayscale version is **58.4461, -3.1185, 3.1755**.

A 20% lighter version of the original color is **88.7639, -52.5842, 34.5022**, and **49.6419, -41.2054, 26.9026** is the 20% darker color. If you saturate the color by 10%, you get **70.2223, -54.9463, 35.9635**, and if you desaturate by 10%, it is **71.8078, -47.4572, 30.1758**.

Distribution



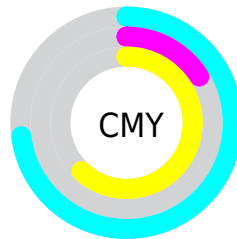
- Red (27%)
- Green (84%)
- Blue (38%)



- Red (27%)
- Yellow (75%)
- Blue (84%)



- Cyan (67%)
- Magenta (0%)
- Yellow (55%)
- Black (16%)



- Cyan (73%)
- Magenta (16%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.8931, -51.7243, 33.3202 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 70.8931, -51.7243, 33.3202 by changing the saturation by 10% instead.

■ 70.8931, -51.7243,
33.3202

■ 70.8931, -51.7243,
33.3202

196.8968,
-83.5127, 59.0263

■ 59.6828, -47.5570,
30.0064

■ 95.1633, -59.5252,
39.5621

■ 49.1336, -43.1533,
26.5258

■ 108.1617,
-63.2163, 42.5315

■ 39.2917, -38.4514,
22.8416

■ 121.7032,
-66.7971, 45.4210

■ 30.2119, -33.3611,
18.9097

■ 135.7671,
-70.2834, 48.2428

■ 21.9648, -27.7480,
15.3753

150.3344,
-73.6883, 51.0067

■ 14.6447, -23.2544,
10.2513

165.3884,

■ 8.3040, -14.5320,

-77.0225, 53.7209

5.8128

180.9138,
-80.2948, 56.3922

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.8931, -51.7243,
33.3202

■ 70.8931, -51.7243,
33.3202

■ 70.2223, -54.9463,
35.9635

■ 71.8078, -47.4572,
30.1758

■ 69.7719, -57.1686,
38.0916

■ 72.9744, -42.1373,
26.5571

■ 69.5132, -58.5024,
39.7057


■ 74.4012, -35.7966,
22.5048


■ 69.4616, -58.7715,
40.0498


■ 76.0901, -28.4953,
18.0686


■ 78.0390, -20.3146,

13.3036

 80.2423, -11.3488,
8.2667

 82.6920, -1.6981,
3.0134

 85.3780, 8.5377,
-2.4047

 87.4519, 16.5674,
-9.1041

Harmonies

Analogous

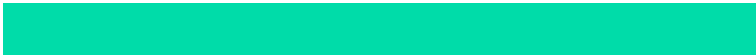
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.8946, -29.4224, 41.8845



70.8931, -51.7243, 33.3202



70.8946, -60.9049, 11.2743

Triad

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



70.8946, -51.7253, 33.3206



70.8946, -11.8577, -99.6650



70.8946, 72.9454, 25.4814

Complementary

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



70.8931, -51.7243, 33.3202



47.1859, 64.5523, -28.8690

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.



70.8946, 80.2763, -4.4554



70.8931, -51.7243, 33.3202



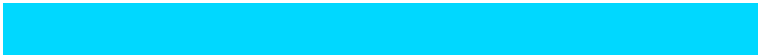
70.8946, 26.1049, -89.0238

Square

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



70.8946, -51.7253, 33.3206



70.8946, -41.0983, -73.2171



70.8946, 61.6910, -48.8700



70.8946, 43.3089, 39.2244

Rectangle

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



70.8931, -51.7243, 33.3202



70.8946, -60.0024, -13.2119



70.8946, 61.6910, -48.8700



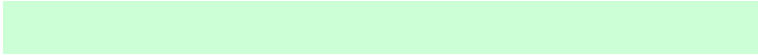
70.8946, 78.3176, 17.5191

Sweetspot

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



70.8946, -51.7253, 33.3206



94.4405, -27.7796, 17.9511



76.9275, -28.3630, 42.4398



43.3776, -14.1719, 9.0718

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.8946, -51.7253, 33.3206



85.3525, -68.3740, 45.1064



72.2769, -43.3087, 13.2274



37.3278, -6.2349, 4.3811



54.0127, -45.6253, 30.9807



13.3084, -10.9341, 6.9692

Inverse Universe

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



47.1859, 64.5523, -28.8690



53.2754, 90.1918, -38.0965



44.6418, 54.0360, 6.6703



35.4837, 2.5378, -0.4631



32.4033, 61.2274, -23.5246



8.0241, 15.2702, -6.6653

Previews

White Background



This preview shows how the HunterLab color 70.8931, -51.7243, 33.3202 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 70.8931, -51.7243, 33.3202 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 70.8931, -51.7243, 33.3202 Background



This preview shows how black text looks on a background with the HunterLab color 70.8931, -51.7243, 33.3202.



This preview shows how white text looks on a background with the HunterLab color 70.8931, -51.7243, 33.3202.

-51.7243, 33.3202.

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

70.8931, -51.7243, 33.3202

Protanopia

70.3638, -8.3104, 35.4328

Deuteranopia

70.1664, 5.0496, 31.5708



Tritanopia

70.6026, -24.0560, -12.0435

Trichromacy



Original Color

70.8931, -51.7243, 33.3202



Protanomaly

69.1780, -28.7920, 33.6403



Deuteranomaly

68.4010, -21.4327, 30.6504



Tritanomaly

70.3469, -36.5091, 9.3872

Monochromacy



Original Color

70.8931, -51.7243, 33.3202



Achromatopsia

58.4734, -3.1200, 3.1770



Achromatomaly

61.6879, -24.1306, 15.2022

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.8931, -51.7243, 33.3202 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(70, 214, 97)` looks like.

```
.text, #text, p{  
    color:rgb(70, 214, 97)  
}
```

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(70, 214, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 214, 97) }
```

Border

The CSS property to change the border of an element to HunterLab 70.8931, -51.7243, 33.3202 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(70, 214, 97) }
```


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

```
.border{ border-color:rgb(70, 214, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 214, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 214, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 214, 97);  
box-shadow:4px 4px 4px 4px rgb(70, 214,  
97) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.8931, -51.7243, 33.3202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 214, 97) }
```

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

```
.background{ background-color: rgb(70, 214,  
97) }
```

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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