

Converting Colors

HunterLab(64.3693, -50.3562,
33.4567)

Have a look what the booklet for
HunterLab(64.3693, -50.3562,
33.4567) contains.

HunterLab(64.3698, -50.3318, 33.4461)	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(64.3698,
-50.3318, 33.4461)**

Conversions

Conversions Part 1

Format	Color
Hex	2FC646
RGB	47, 198, 70
RGB Percent	18%, 78%, 27%
CMY	0.8157, 0.2235, 0.7255
CMYK	0.76, 0.00, 0.65, 0.22
HSL	129°, 62%, 48%
HSV	129°, 76%, 78%
XYZ	22.4719, 41.4347, 12.6077
YIQ	138.2590, -48.9080, -71.8200

Conversions

Conversions Part 2

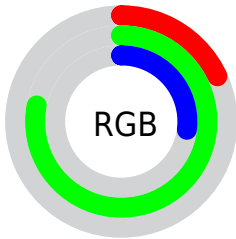
Format	Color
RYB	47, 178, 198
Decimal	3130950
CIELab	70.48, -63.58, 51.62
CIElCh	70, 81.899, 140.928
Yxy	41.4364, 0.2937, 0.5415
Android (android.graphics.Color)	4281321030 (0xFF2FC646)
YUV	138.2590, -33.6517, -80.0341
Hunter-Lab	64.3698, -50.3318, 33.4461

Details

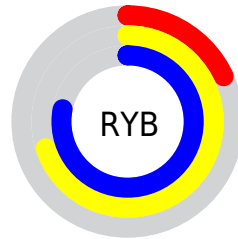
The HunterLab color **64.3698, -50.3318, 33.4461** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **41.3938, 65.7424, -31.4344**, and the grayscale version is **50.6614, -2.7032, 2.7525**.

A 20% lighter version of the original color is **87.5968, -58.1902, 40.2746**, and **44.3399, -37.8979, 26.3898** is the 20% darker color. If you saturate the color by 10%, you get **63.9411, -52.4355, 35.3344**, and if you desaturate by 10%, it is **65.0083, -47.2949, 31.0474**.

Distribution



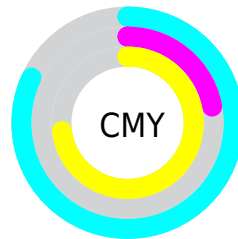
- Red (18%)
- Green (78%)
- Blue (27%)



- Red (18%)
- Yellow (70%)
- Blue (78%)



- Cyan (76%)
- Magenta (0%)
- Yellow (65%)
- Black (22%)



- Cyan (82%)
- Magenta (22%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.3698, -50.3318, 33.4461 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 64.3698, -50.3318, 33.4461 by changing the saturation by 10% instead.

■ 64.3698, -50.3318,
33.4461

■ 64.3698, -50.3318,
33.4461

187.6543,
-83.3691, 62.0021

■ 53.5353, -45.9293,
29.6867

■ 87.9466, -58.5146,
40.4751

■ 43.3866, -41.2479,
25.7197

■ 100.6221,
-62.3652, 43.7955

■ 33.9752, -36.2094,
21.5068

■ 113.8542,
-66.0898, 47.0129

■ 25.3642, -30.6983,
17.6026

■ 127.6202,
-69.7072, 50.1424

■ 17.6362, -24.7616,
12.3454

■ 141.9003,
-73.2325, 53.1967

■ 10.9070, -19.0872,
7.6349

156.6765,

■ 2.3067, -4.0366,

-76.6781, 56.1858

1.6147

171.9327,
-80.0541, 59.1186

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.3698, -50.3318,
33.4461

■ 64.3698, -50.3318,
33.4461

■ 63.9411, -52.4355,
35.3344

■ 65.0083, -47.2949,
31.0474

■ 63.6927, -53.6949,
36.7207

■ 65.8694, -43.2819,
28.1444


■ 63.6274, -54.0298,
37.1062


■ 66.9652, -38.2926,
24.7601


■ 68.3015, -32.3591,
20.9304


■ 69.8796, -25.5396,

16.7015

 71.6970, -17.9114,
12.1254

 73.7484, -9.5632,
7.2569

 76.0259, -0.5883,
2.1497

 78.5199, 8.9206,
-3.1454

Harmonies

Analogous

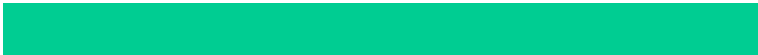
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



64.3711, -27.1852, 40.2611



64.3698, -50.3318, 33.4461



64.3711, -60.2146, 13.3930

Triad

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



64.3711, -50.3327, 33.4464



64.3711, -14.3997, -107.4238



64.3711, 78.5385, 23.4781

Complementary

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



64.3698, -50.3318, 33.4461



41.3938, 65.7424, -31.4344

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.



64.3711, 84.1829, -8.2554



64.3698, -50.3318, 33.4461



64.3711, 24.3446, -98.8798

Square

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



64.3711, -50.3327, 33.4464



64.3711, -42.8164, -75.5498



64.3711, 62.5211, -56.3233



64.3711, 48.5063, 37.2183

Rectangle

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



64.3698, -50.3318, 33.4461



64.3711, -59.9660, -10.8760



64.3711, 62.5211, -56.3233



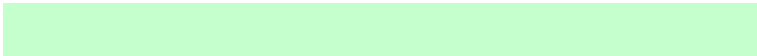
64.3711, 83.5839, 15.1804

Sweetspot

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



64.3711, -50.3327, 33.4464



93.6612, -31.1299, 20.4924



70.5336, -26.0862, 40.7451



42.9427, -16.0556, 10.4850

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.3711, -50.3327, 33.4464



84.8291, -71.0703, 48.3997



65.6073, -42.7411, 15.4143



34.5163, -5.7814, 4.1585



51.3177, -43.5208, 29.8062



11.2053, -9.2288, 5.9167

Inverse Universe

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



41.3938, 65.7424, -31.4344



51.8679, 96.1626, -43.1698



38.6737, 55.0909, 6.3689



32.8448, 2.3626, -0.5499



31.0684, 59.1432, -25.9521



6.8174, 13.0696, -6.4055

Previews

White Background



This preview shows how the HunterLab color 64.3698, -50.3318, 33.4461 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 64.3698, -50.3318, 33.4461 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 64.3698, -50.3318, 33.4461 Background



This preview shows how black text looks on a background with the HunterLab color 64.3698, -50.3318, 33.4461.



This preview shows how white text looks on a background with the HunterLab color 64.3698, -50.3318, 33.4461.

-50.3318, 33.4461.

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

64.3698, -50.3318, 33.4461

Protanopia

63.6789, -7.9514, 34.8561

Deuteranopia

63.7474, 4.4965, 32.1193



Tritanopia

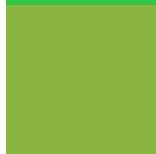
64.0638, -22.9764, -11.4982

Trichromacy



Original Color

64.3698, -50.3318, 33.4461



Protanomaly

62.3846, -28.6981, 33.1857



Deuteranomaly

61.7785, -22.5083, 30.9352



Tritanomaly

63.7045, -35.8646, 10.5780

Monochromacy



Original Color

64.3698, -50.3318, 33.4461



Achromatopsia

50.4135, -2.6899, 2.7391



Achromatomaly

54.1638, -24.3369, 15.8480

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.3698, -50.3318, 33.4461 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(47, 198, 70)` looks like.

```
.text, #text, p{  
    color:rgb(47, 198, 70)  
}
```

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(47, 198, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 198, 70) }
```

Border

The CSS property to change the border of an element to HunterLab 64.3698, -50.3318, 33.4461 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(47, 198, 70) }
```


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

```
.border{ border-color:rgb(47, 198, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 198, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 198, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 198, 70);  
box-shadow:4px 4px 4px 4px rgb(47, 198,  
70) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.3698, -50.3318, 33.4461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 198, 70) }
```

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

```
.background{ background-color: rgb(47, 198,  
70) }
```

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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