

Converting Colors

HunterLab(68.0583, -49.9632,
29.5542)

Have a look what the booklet for
HunterLab(68.0583, -49.9632,
29.5542) contains.

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Color

**HunterLab(68.1450,
-50.1350, 29.7180)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 37CF68 |
| RGB | 55, 207, 104 |
| RGB Percent | 22%, 81%, 41% |
| CMY | 0.7843, 0.1882, 0.5921 |
| CMYK | 0.73, 0.00, 0.50, 0.19 |
| HSL | 139°, 61%, 51% |
| HSV | 139°, 73%, 81% |
| XYZ | 26.3871, 46.4374, 20.6693 |
| YIQ | 149.8100, -57.5290, -64.2570 |

Conversions

Conversions Part 2

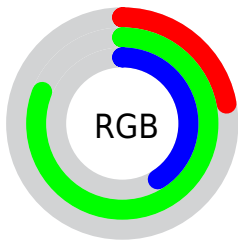
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 55, 170, 207 |
| Decimal | 3657576 |
| CIELab | 73.83, -61.01, 39.93 |
| CIELCh | 74, 72.921, 146.796 |
| Yxy | 46.4393, 0.2822, 0.4967 |
| Android (android.graphics.Color) | 4281847656 (0xFF37CF68) |
| YUV | 149.8100, -22.5843, -83.1484 |
| Hunter-Lab | 68.1450, -50.1350, 29.7180 |

Details

The HunterLab color **68.1450, -50.1350, 29.7180** 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 **42.9735, 62.9959, -17.0486**, and the grayscale version is **55.2552, -2.9483, 3.0021**.

A 20% lighter version of the original color is **88.4111, -53.7420, 32.1461**, and **47.3282, -38.5749, 24.1160** is the 20% darker color. If you saturate the color by 10%, you get **67.6095, -52.7672, 32.2590**, and if you desaturate by 10%, it is **68.8916, -46.6061, 26.8759**.

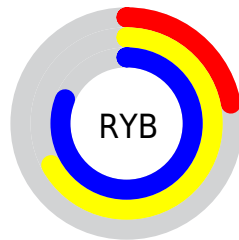
Distribution



Red (22%)

Green (81%)

Blue (41%)



Red (22%)

Yellow (67%)

Blue (81%)

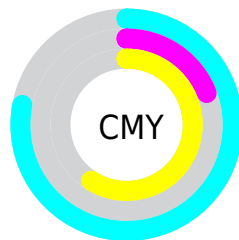


Cyan (73%)

Magenta (0%)

Yellow (50%)

Black (19%)



Cyan (78%)

Magenta (19%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.1450, -50.1350, 29.7180 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 68.1450, -50.1350, 29.7180 by changing the saturation by 10% instead.

■ 68.1450, -50.1350,
29.7180

■ 68.1450, -50.1350,
29.7180

193.0212,
-81.7144, 52.7185

■ 57.0900, -45.9774,
26.7794

■ 92.1282, -57.9015,
35.2644

■ 46.7061, -41.5755,
23.6937

■ 104.9928,
-61.5711, 37.9103

■ 37.0415, -36.8629,
20.4240

■ 118.4061,
-65.1284, 40.4904

■ 28.1543, -31.7424,
16.9218

■ 132.3464,
-68.5901, 43.0156

■ 20.1198, -26.0669,
13.8464

■ 146.7945,
-71.9695, 45.4945

■ 13.0403, -22.8204,
9.1282

161.7332,

■ 6.5113, -11.3948,

-75.2775, 47.9342

4.5579

177.1469,
-78.5233, 50.3405

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.1450, -50.1350,
29.7180

■ 68.1450, -50.1350,
29.7180

■ 67.6095, -52.7672,
32.2590

■ 68.8916, -46.6061,
26.8759

■ 67.2598, -54.5648,
34.4709

■ 69.8596, -42.1541,
23.7647


■ 67.1040, -55.4028,
35.7246


■ 71.0595, -36.7899,
20.4237


■ 72.4955, -30.5513,
16.8950


■ 74.1682, -23.4976,

13.2225

 76.0747, -15.7028,
9.4489

 78.2094, -7.2499,
5.6143

 80.5649, 1.7754,
1.7546

 83.1319, 11.2886,
-2.0995

Harmonies

Analogous

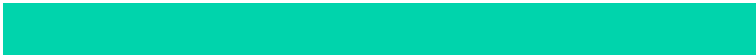
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68.1464, -30.6583, 39.1307



68.1450, -50.1350, 29.7180



68.1464, -57.3646, 7.0920

Triad

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



68.1464, -50.1358, 29.7184



68.1464, -7.2526, -92.0674



68.1464, 65.0188, 26.1972

Complementary

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



68.1450, -50.1350, 29.7180



42.9735, 62.9959, -17.0486

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.



68.1464, 74.6122, 0.1440



68.1450, -50.1350, 29.7180



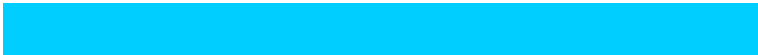
68.1464, 28.3791, -78.3330

Square

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



68.1464, -50.1358, 29.7184



68.1464, -35.8491, -71.4561



68.1464, 60.0818, -39.8472



68.1464, 35.9481, 37.9096

Rectangle

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



68.1450, -50.1350, 29.7180



68.1464, -55.5778, -16.8001



68.1464, 60.0818, -39.8472



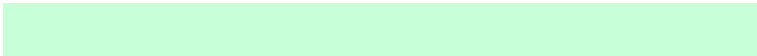
68.1464, 70.8479, 19.3331

Sweetspot

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



68.1464, -50.1358, 29.7184



94.1581, -28.6446, 16.1886



72.2918, -34.4709, 40.9778



43.2748, -14.4453, 8.0888

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.1464, -50.1358, 29.7184



85.3131, -68.2042, 42.4686



69.7854, -40.1713, 6.0027



36.4255, -5.8653, 3.7487



53.2775, -43.8846, 28.1421



12.6552, -10.0209, 5.8144

Inverse Universe

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



42.9735, 62.9959, -17.0486



50.6201, 88.5444, -19.5136



40.7689, 54.1190, 14.2062



34.5565, 2.2447, 0.1295



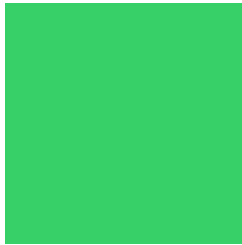
30.9414, 56.9178, -10.4684



7.4127, 13.8028, -3.8019

Previews

White Background



This preview shows how the HunterLab color 68.1450, -50.1350, 29.7180 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 68.1450, -50.1350, 29.7180 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 68.1450, -50.1350, 29.7180 Background



This preview shows how black text looks on a background with the HunterLab color 68.1450, -50.1350, 29.7180.



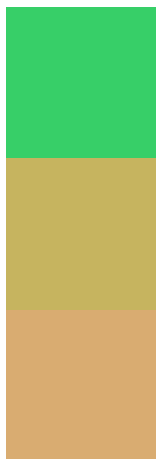
This preview shows how white text looks on a background with the HunterLab color 68.1450,

-50.1350, 29.7180.

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

68.1450, -50.1350, 29.7180

Protanopia

67.4348, -7.6957, 31.8994

Deuteranopia

67.4159, 4.7410, 27.8846



Tritanopia

67.9066, -24.4981, -12.3933

Trichromacy



Original Color

68.1450, -50.1350, 29.7180



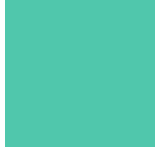
Protanomaly

66.1965, -28.2822, 29.9452



Deuteranomaly

65.6451, -21.7095, 26.7464



Tritanomaly

67.4766, -35.6067, 6.6609

Monochromacy



Original Color

68.1450, -50.1350, 29.7180



Achromatopsia

55.2257, -2.9467, 3.0005



Achromatomaly

58.7061, -24.0861, 13.3418

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.1450, -50.1350, 29.7180 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(55, 207, 104)` looks like.

```
.text, #text, p{  
    color:rgb(55, 207, 104)  
}
```

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(55, 207, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 207, 104) }
```

Border

The CSS property to change the border of an element to HunterLab 68.1450, -50.1350, 29.7180 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(55, 207, 104) }
```


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

```
.border{ border-color:rgb(55, 207, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 207, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 207, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 207, 104);  
box-shadow:4px 4px 4px 4px rgb(55, 207,  
104) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.1450, -50.1350, 29.7180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 207, 104) }
```

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

```
.background{ background-color: rgb(55, 207,  
104) }
```

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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