

Converting Colors

HunterLab(68.3403, -58.3784,
40.9261)

Have a look what the booklet for
HunterLab(68.3403, -58.3784,
40.9261) contains.

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Color

**HunterLab(68.2954,
-58.3374, 40.8875)**

Conversions

Conversions Part 1

Format	Color
Hex	06D307
RGB	6, 211, 7
RGB Percent	2%, 83%, 3%
CMY	0.9765, 0.1725, 0.9724
CMYK	0.97, 0.00, 0.97, 0.17
HSL	120°, 94%, 43%
HSV	120°, 97%, 83%
XYZ	23.4077, 46.6426, 7.9702
YIQ	126.4490, -56.6960, -106.9040

Conversions

Conversions Part 2

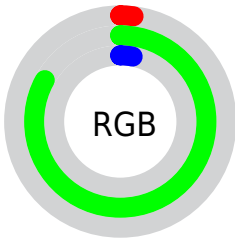
Format	Color
RYB	6, 210, 211
Decimal	447239
CIELab	73.96, -74.35, 71.44
CIELCh	74, 103.112, 136.145
Yxy	46.6446, 0.3000, 0.5978
Android (android.graphics.Color)	4278637319 (0xFF06D307)
YUV	126.4490, -58.8884, -105.6338
Hunter-Lab	68.2954, -58.3374, 40.8875

Details

The HunterLab color **68.2954, -58.3374, 40.8875** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **43.1646, 83.9223, -55.6650**, and the grayscale version is **46.0941, -2.4595, 2.5044**.

A 20% lighter version of the original color is **86.8125, -62.3062, 46.5330**, and **48.4177, -41.5181, 29.1079** is the 20% darker color. If you saturate the color by 10%, you get **68.2589, -58.5199, 41.0100**, and if you desaturate by 10%, it is **68.4900, -57.4131, 40.2459**.

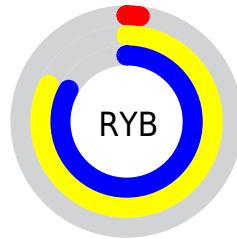
Distribution



Red (2%)

Green (83%)

Blue (3%)



Red (2%)

Yellow (82%)

Blue (83%)

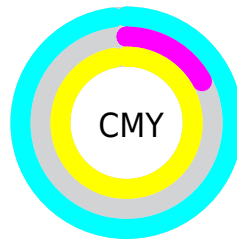


Cyan (97%)

Magenta (0%)

Yellow (97%)

Black (17%)



Cyan (98%)


Magenta (17%)


Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 68.2954, -58.3374, 40.8875 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 68.2954, -58.3374, 40.8875 by changing the saturation by 10% instead.


 68.2954, -58.3374,
40.8875


 68.2954, -58.3374,
40.8875


193.2340,
-95.8468, 78.3675

 57.2318, -53.3159,
35.9297


 92.2945, -67.6659,
50.1860


 46.8387, -47.9800,
30.7373


 105.1666,
-72.0496, 54.5733

 37.1643, -42.2486,
25.5291


 118.5869,
-76.2846, 58.8143

 28.2664, -36.0062,
19.7865

 132.5340,
-80.3921, 62.9268

 20.2200, -29.1504,
14.1540

 146.9888,
-84.3891, 66.9260

 13.1270, -22.9723,
9.1889

 161.9338,

 6.6227, -11.5897,

-88.2897, 70.8253

4.6359

177.3537,
-92.1057, 74.6359

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.2954, -58.3374,
40.8875

■ 68.2954, -58.3374,
40.8875

■ 68.2589, -58.5199,
41.0100

■ 68.4900, -57.4131,
40.2459


■ 68.8808, -55.5524,
38.9688


■ 69.5047, -52.6091,
36.9632


■ 70.3845, -48.5123,
34.1829


■ 71.5350, -43.2440,

30.6171

 72.9644, -36.8314,
26.2854

 74.6754, -29.3381,
21.2314

 76.6657, -20.8545,
15.5166

 78.9291, -11.4878,
9.2136

Harmonies

Analogous

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



68.2968, -27.4973, 45.7260



68.2954, -58.3374, 40.8875



68.2968, -72.2174, 21.6000

Triad

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



68.2968, -58.3383, 40.8877



68.2968, -24.4035, -148.6132



68.2968, 109.7521, 23.9270

Complementary

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



68.2954, -58.3374, 40.8875



43.1646, 83.9223, -55.6650

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.



68.2968, 111.2622, -20.8691



68.2954, -58.3374, 40.8875



68.2968, 24.0028, -146.1612

Square

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



68.2968, -58.3383, 40.8877



68.2968, -56.6161, -94.9411



68.2968, 76.6045, -89.5721



68.2968, 72.9182, 41.5858

Rectangle

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



68.2954, -58.3374, 40.8875



68.2968, -73.3952, -6.3805



68.2968, 76.6045, -89.5721



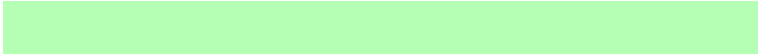
68.2968, 114.6958, 12.4761

Sweetspot

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



68.2968, -58.3383, 40.8877



92.0344, -38.4621, 27.7295



77.7515, -20.8331, 47.4140



42.1516, -19.6648, 14.0904

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.2968, -58.3383, 40.8877



84.5712, -72.5080, 50.8173



69.0815, -53.4427, 29.3350



36.3418, -6.3340, 4.9495



53.0264, -45.4577, 31.8518



12.5400, -10.7404, 7.5114

Inverse Universe

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



43.1646, 83.9223, -55.6650



53.2899, 104.6551, -69.3975



38.8242, 68.4415, 3.2407



34.6526, 2.7591, -1.2346



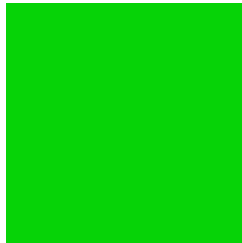
33.4138, 65.6226, -43.5281



7.9032, 15.5246, -10.3203

Previews

White Background



This preview shows how the HunterLab color 68.2954, -58.3374, 40.8875 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 68.2954, -58.3374, 40.8875 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

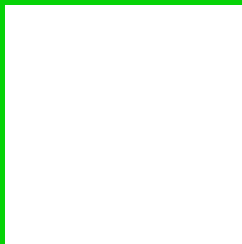
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 68.2954, -58.3374, 40.8875 Background



This preview shows how black text looks on a background with the HunterLab color 68.2954, -58.3374, 40.8875.



This preview shows how white text looks on a background with the HunterLab color 68.2954, -58.3374, 40.8875.

-58.3374, 40.8875.

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

68.2954, -58.3374, 40.8875

Protanopia

67.6345, -9.7514, 41.5053

Deuteranopia

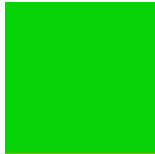
67.4476, 4.8173, 39.3731



Tritanopia

68.0861, -25.4429, -12.7315

Trichromacy



Original Color

68.2954, -58.3374, 40.8875



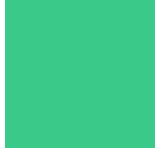
Protanomaly

65.2159, -36.8711, 39.4619



Deuteranomaly

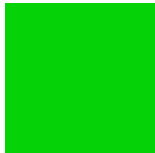
64.2908, -30.1216, 37.8282



Tritanomaly

66.7152, -43.9616, 19.3072

Monochromacy



Original Color

68.2954, -58.3374, 40.8875



Achromatopsia

45.6768, -2.4372, 2.4817



Achromatomaly

51.5095, -30.8907, 21.7794

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.2954, -58.3374, 40.8875 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(6, 211, 7)` looks like.

```
.text, #text, p{  
    color:rgb(6, 211, 7)  
}
```

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(6, 211, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 211, 7) }
```

Border

The CSS property to change the border of an element to HunterLab 68.2954, -58.3374, 40.8875 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(6, 211, 7) }
```


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

```
.border{ border-color:rgb(6, 211, 7) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 211, 7)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 211, 7); -webkit-box-shadow:4px  
4px 4px 4px rgb(6, 211, 7); box-shadow:4px  
4px 4px 4px rgb(6, 211, 7) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.2954, -58.3374, 40.8875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 211, 7) }
```

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

```
.background{ background-color: rgb(6, 211,  
7) }
```

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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