

Converting Colors

HunterLab(85.3800, -68.9711,
50.6584)

Have a look what the booklet for
HunterLab(85.3800, -68.9711,
50.6584) contains.

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Color

**HunterLab(85.3850,
-68.9479, 50.6439)**

Conversions

Conversions Part 1

Format	Color
Hex	46FF1C
RGB	70, 255, 28
RGB Percent	27%, 100%, 11%
CMY	0.7255, 0.0000, 0.8901
CMYK	0.73, 0.00, 0.89, 0.00
HSL	109°, 100%, 55%
HSV	109°, 89%, 100%
XYZ	38.4954, 72.9060, 13.1420
YIQ	173.8070, -37.3930, -109.8170

Conversions

Conversions Part 2

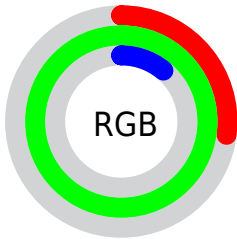
Format	Color
R _Y B	28, 255, 213
Decimal	4652828
CIE Lab	88.40, -80.08, 81.16
CIE LCh	88, 114.015, 134.614
Yxy	72.9060, 0.3091, 0.5854
Android (android.graphics.Color)	4282842908 (0xFF46FF1C)
YUV	173.8070, -71.8829, -91.0387
Hunter-Lab	85.3850, -68.9479, 50.6439

Details

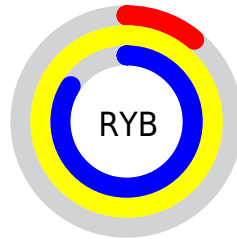
The HunterLab color **85.3850, -68.9479, 50.6439** is a dark color, and the websafe version is hex **33FF00**. The color can be described as dark washed green. A complement of this color would be **47.1173, 91.4779, -88.4146**, and the grayscale version is **65.2800, -3.4832, 3.5468**.

A 20% lighter version of the original color is **88.5886, -54.7145, 45.3899**, and **63.1922, -54.1873, 37.9901** is the 20% darker color. If you saturate the color by 10%, you get **84.9611, -70.8395, 51.0620**, and if you desaturate by 10%, it is **86.0203, -66.0635, 49.4839**.

Distribution



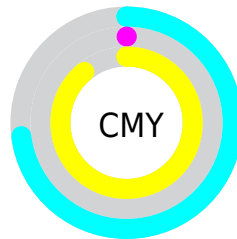
- Red (27%)
- Green (100%)
- Blue (11%)



- Red (11%)
- Yellow (100%)
- Blue (84%)



- Cyan (73%)
- Magenta (0%)
- Yellow (89%)
- Black (0%)





- Cyan (73%)
- Magenta (0%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 85.3850, -68.9479, 50.6439 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 85.3850, -68.9479, 50.6439 by changing the saturation by 10% instead.


 85.3850, -68.9479,
50.6439


 85.3850, -68.9479,
50.6439


216.9537,
-107.3486, 90.9053

 73.4160, -63.9342,
45.4188


 111.0602,
-78.3674, 60.5224

 62.0653, -58.6645,
39.9796


 124.7170,
-82.8334, 65.2163

 51.3686, -53.0822,
34.3147


 138.8918,
-87.1664, 69.7699

 41.3686, -47.1109,
28.7285

 153.5663,
-91.3839, 74.1985

 32.1178, -40.6455,
22.4825

 168.7241,
-95.4998, 78.5154

 23.6826, -33.5394,
16.5778

 184.3501,

 16.1512, -28.2646,

-99.5262, 82.7322

11.3058

200.4308,
-103.4729, 86.8592

■ 9.6488, -16.8854,
6.7542

0.0000, NaN, NaN

■ 85.3850, -68.9479,
50.6439

■ 85.3850, -68.9479,
50.6439

■ 84.9611, -70.8395,
51.0620

■ 86.0203, -66.0635,
49.4839

■ 84.9283, -70.9855,
51.0897

■ 86.8914, -62.0840,
47.4054

■ 88.0136, -56.9676,
44.3203

■ 89.3966, -50.7123,
40.1869

■ 91.0458, -43.3489,
34.9997

■ 92.9620, -34.9346,
28.7832

■ 95.1431, -25.5460,
21.5850

■ 97.5839, -15.2726,
13.4699

100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



85.3850, -30.6029, 56.5724



85.3850, -68.9479, 50.6439



85.3850, -86.9005, 28.0297

Triad

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



85.3850, -68.9476, 50.6431



85.3850, -31.8550, -170.5688



85.3850, 130.2409, 27.0762

Complementary

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



85.3850, -68.9479, 50.6439



47.1173, 91.4779, -88.4146

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.



85.3850, 129.6456, -28.0752



85.3850, -68.9479, 50.6439



85.3850, 25.0335, -171.5184

Square

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



85.3850, -68.9476, 50.6431



85.3850, -69.6549, -106.4926



85.3850, 87.3473, -108.5861



85.3850, 88.8070, 50.3387

Rectangle

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



85.3850, -68.9479, 50.6439



85.3850, -88.9282, -4.2141



85.3850, 87.3473, -108.5861



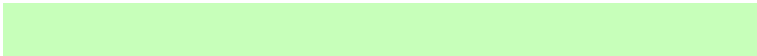
85.3850, 135.2401, 12.6510

Sweetspot

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



85.3850, -68.9476, 50.6431



93.3798, -33.1209, 27.4118



82.0010, -3.3186, 49.6754



42.8768, -16.7362, 13.7477

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.3850, -68.9476, 50.6431



84.9283, -70.9855, 51.0897



85.2137, -68.7785, 43.5855



45.0884, -7.3087, 6.4260



61.4285, -51.1526, 36.9564



19.2752, -15.5063, 11.6058

Inverse Universe

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



47.1173, 91.4779, -88.4146



45.3941, 93.6435, -93.9576



50.6707, 89.6308, -22.1568



42.5683, 2.8456, -1.9244



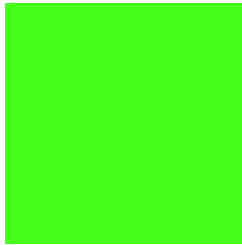
32.9064, 67.8176, -67.6060



10.4705, 21.4391, -20.4284

Previews

White Background



This preview shows how the HunterLab color 85.3850, -68.9479, 50.6439 looks on a white background.

Color Contrast Check

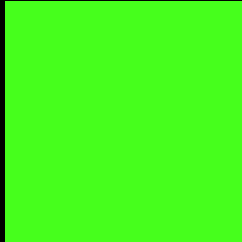
Large Text (above 18pt) WCAG AA × Fail

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 85.3850, -68.9479, 50.6439 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 85.3850, -68.9479, 50.6439 Background



This preview shows how black text looks on a background with the HunterLab color 85.3850, -68.9479, 50.6439.



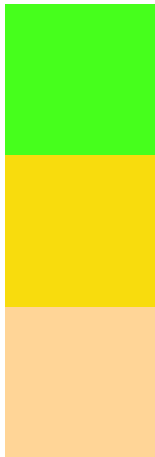
This preview shows how white text looks on a background with the HunterLab color 85.3850,

-68.9479, 50.6439.

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

85.3850, -68.9479, 50.6439

Protanopia

84.3634, -11.4238, 51.5168

Deuteranopia

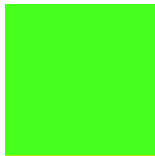
84.3107, 1.9713, 31.3970



Tritanopia

84.8273, -27.9752, -14.3456

Trichromacy



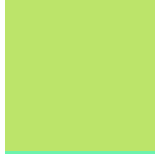
Original Color

85.3850, -68.9479, 50.6439



Protanomaly

82.6975, -39.4380, 49.8571



Deuteranomaly

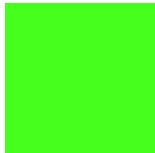
81.9871, -32.2587, 40.0945



Tritanomaly

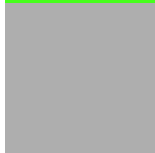
83.8259, -49.4210, 23.1823

Monochromacy



Original Color

85.3850, -68.9479, 50.6439



Achromatopsia

65.0590, -3.4714, 3.5348



Achromatomaly

70.2329, -34.0540, 27.4103

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.3850, -68.9479, 50.6439 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, 255, 28)` looks like.

```
.text, #text, p{  
    color:rgb(70, 255, 28)  
}
```

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, 255, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 255, 28) }
```

Border

The CSS property to change the border of an element to HunterLab 85.3850, -68.9479, 50.6439 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, 255, 28) }
```


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

```
.border{ border-color:rgb(70, 255, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 255, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 255, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 255, 28);  
box-shadow:4px 4px 4px 4px rgb(70, 255,  
28) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.3850, -68.9479, 50.6439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 255, 28) }
```

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

```
.background{ background-color: rgb(70, 255,  
28) }
```

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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