

Converting Colors

HunterLab(85.8408, -66.9593,
50.4555)

Have a look what the booklet for
HunterLab(85.8408, -66.9593,
50.4555) contains.

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Color

**HunterLab(85.8407,
-66.9599, 50.4558)**

Conversions

Conversions Part 1

Format	Color
Hex	57FF26
RGB	87, 255, 38
RGB Percent	34%, 100%, 15%
CMY	0.6588, 0.0000, 0.8509
CMYK	0.66, 0.00, 0.85, 0.00
HSL	106°, 100%, 57%
HSV	106°, 85%, 100%
XYZ	40.0404, 73.6863, 13.9463
YIQ	180.0300, -30.4710, -103.1030

Conversions

Conversions Part 2

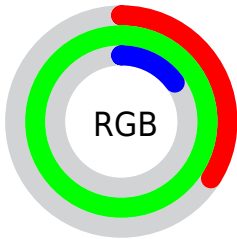
Format	Color
RYB	38, 255, 206
Decimal	5766950
CIELab	88.77, -76.79, 79.83
CIELCh	89, 110.766, 133.890
Yxy	73.6863, 0.3136, 0.5771
Android (android.graphics.Color)	4283957030 (0xFF57FF26)
YUV	180.0300, -70.0208, -81.5873
Hunter-Lab	85.8407, -66.9599, 50.4558

Details

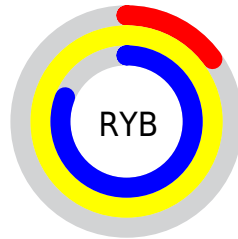
The HunterLab color **85.8407, -66.9599, 50.4558** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **46.6165, 87.6723, -90.0688**, and the grayscale version is **67.8640, -3.6211, 3.6872**.

A 20% lighter version of the original color is **89.2348, -51.9996, 45.0158**, and **63.1922, -54.1873, 37.9901** is the 20% darker color. If you saturate the color by 10%, you get **85.2937, -69.3999, 51.0892**, and if you desaturate by 10%, it is **86.5994, -63.5264, 48.9785**.

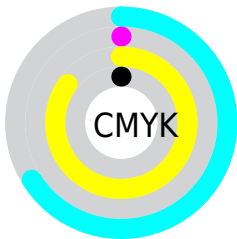
Distribution



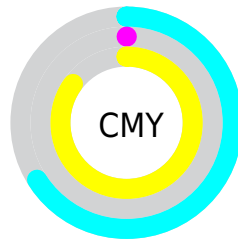
- Red (34%)
- Green (100%)
- Blue (15%)



- Red (15%)
- Yellow (100%)
- Blue (81%)



- Cyan (66%)
- Magenta (0%)
- Yellow (85%)
- Black (0%)



- Cyan (66%)
- Magenta (0%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.8407, -66.9599, 50.4558 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 85.8407, -66.9599, 50.4558 by changing the saturation by 10% instead.

85.8407, -66.9599,
50.4558

85.8407, -66.9599,
50.4558

217.5752,
-103.9304, 90.0845

73.8494, -62.1514,
45.3153

111.5576,
-76.0058, 60.1735

62.4751, -57.1024,
39.9621

125.2340,
-80.3000, 64.7917

51.7534, -51.7589,
34.3823

139.4276,
-84.4696, 69.2727

41.7267, -46.0486,
28.7848

154.1204,
-88.5310, 73.6315

32.4470, -39.8712,
22.7129

169.2957,
-92.4974, 77.8813

23.9801, -33.0848,
16.7861

184.9389,

16.4133, -27.6264,

-96.3801, 82.0337

11.4893

201.0362,
-100.1884, 86.0985

■ 9.8698, -17.2721,
6.9088

0.0000, NaN, NaN

■ 85.8407, -66.9599,
50.4558

■ 85.8407, -66.9599,
50.4558

■ 85.2937, -69.3999,
51.0892


■ 86.5994, -63.5264,
48.9785


■ 85.0921, -70.2886,
51.2028


■ 87.5866, -59.0406,
46.5370


■ 88.8137, -53.4825,
43.0600

■ 90.2873, -46.8647,
38.5177

 92.0103, -39.2263,
32.9128

 93.9823, -30.6272,
26.2747

 96.2001, -21.1421,
18.6531

 98.6582, -10.8547,
10.1124

 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.



85.8407, -28.8243, 56.4137



85.8407, -66.9599, 50.4558



85.8407, -85.1827, 28.4190

Triad

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



85.8407, -66.9596, 50.4550



85.8407, -32.3422, -162.2835



85.8407, 126.1753, 25.7181

Complementary

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



85.8407, -66.9599, 50.4558



46.6165, 87.6723, -90.0688

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.



85.8407, 124.5311, -28.6995



85.8407, -66.9599, 50.4558



85.8407, 22.6838, -164.8751

Square

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



85.8407, -66.9596, 50.4550



85.8407, -68.9658, -100.2971



85.8407, 83.0544, -106.0368



85.8407, 87.0971, 49.5586

Rectangle

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



85.8407, -66.9599, 50.4558



85.8407, -87.4698, -2.5344



85.8407, 83.0544, -106.0368



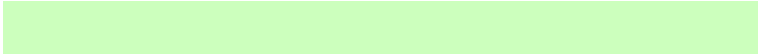
85.8407, 130.6237, 11.3042

Sweetspot

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



85.8407, -66.9596, 50.4550



93.7932, -31.4454, 26.9186



80.4748, -0.4902, 48.2277



43.0676, -15.9613, 13.5559

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.8407, -66.9596, 50.4550



85.0921, -70.2886, 51.2028



85.3080, -68.3847, 43.6986



45.1286, -7.1649, 6.4721



61.5533, -50.6217, 37.0427



19.3266, -15.2890, 11.6413

Inverse Universe

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



46.6165, 87.6723, -90.0688



43.7593, 91.4380, -99.6202



51.6572, 89.3790, -27.3274



42.5223, 2.6912, -1.9859



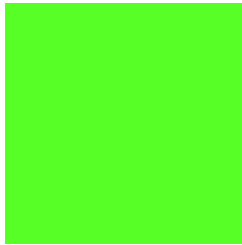
31.7418, 66.2437, -71.6192



10.1451, 20.9944, -21.5108

Previews

White Background



This preview shows how the HunterLab color 85.8407, -66.9599, 50.4558 looks on a white background.

Color Contrast Check

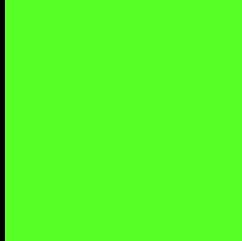
Large Text (above 18pt) WCAG AA × Fail

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 85.8407, -66.9599, 50.4558 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 85.8407, -66.9599, 50.4558 Background



This preview shows how black text looks on a background with the HunterLab color 85.8407, -66.9599, 50.4558.



This preview shows how white text looks on a background with the HunterLab color 85.8407,

-66.9599, 50.4558.

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

85.8407, -66.9599, 50.4558

Protanopia

84.8154, -11.3499, 51.2962

Deuteranopia

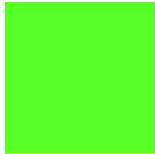
84.6875, 1.8749, 30.5064



Tritanopia

85.6022, -26.8137, -13.2492

Trichromacy



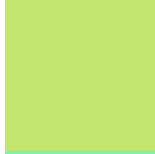
Original Color

85.8407, -66.9599, 50.4558



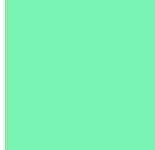
Protanomaly

83.2642, -37.1625, 49.6834



Deuteranomaly

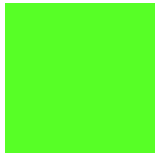
82.8721, -30.4545, 39.5651



Tritanomaly

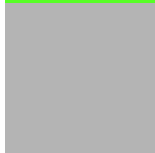
84.7520, -47.3624, 22.6603

Monochromacy



Original Color

85.8407, -66.9599, 50.4558



Achromatopsia

67.5582, -3.6047, 3.6706



Achromatomaly

72.3154, -32.5985, 27.2460

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.8407, -66.9599, 50.4558 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(87, 255, 38)` looks like.

```
.text, #text, p{  
    color:rgb(87, 255, 38)  
}
```

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(87, 255, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 255, 38) }
```

Border

The CSS property to change the border of an element to HunterLab 85.8407, -66.9599, 50.4558 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(87, 255, 38) }
```


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

```
.border{ border-color:rgb(87, 255, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 255, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 255, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 255, 38);  
box-shadow:4px 4px 4px 4px rgb(87, 255,  
38) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.8407, -66.9599, 50.4558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 255, 38) }
```

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

```
.background{ background-color: rgb(87, 255,  
38) }
```

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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