

Converting Colors

HunterLab(85.2166, -68.4702,
41.2942)

Have a look what the booklet for
HunterLab(85.2166, -68.4702,
41.2942) contains.

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Color

**HunterLab(85.2198,
-68.4506, 41.2479)**

Conversions

Conversions Part 1

Format	Color
Hex	00FF6D
RGB	0, 255, 109
RGB Percent	0%, 100%, 43%
CMY	1.0000, 0.0000, 0.5725
CMYK	1.00, 0.00, 0.57, 0.00
HSL	146°, 100%, 50%
HSV	146°, 100%, 100%
XYZ	38.5203, 72.6241, 26.4556
YIQ	162.1110, -105.1140, -99.4660

Conversions

Conversions Part 2

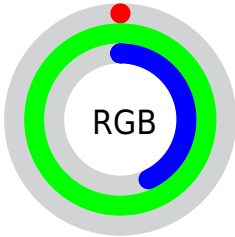
Format	Color
RYB	0, 179, 255
Decimal	65389
CIELab	88.27, -79.41, 54.97
CIELCh	88, 96.584, 145.309
Yxy	72.6243, 0.2799, 0.5278
Android (android.graphics.Color)	4278255469 (0xFF00FF6D)
YUV	162.1110, -26.1837, -142.1713
Hunter-Lab	85.2198, -68.4506, 41.2479

Details

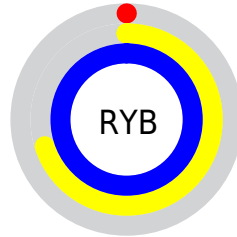
The HunterLab color **85.2198, -68.4506, 41.2479** is a dark color, and the websafe version is hex **00FF66**. The color can be described as dark saturated spring green. A complement of this color would be **48.3072, 87.0226, -2.0909**, and the grayscale version is **60.2909, -3.2170, 3.2757**.

A 20% lighter version of the original color is **88.2685, -54.0389, 29.8532**, and **63.0446, -52.5525, 34.6456** is the 20% darker color. If you saturate the color by 10%, you get **85.2198, -68.4508, 41.2485**, and if you desaturate by 10%, it is **85.5444, -66.6823, 38.4190**.

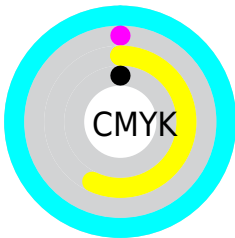
Distribution



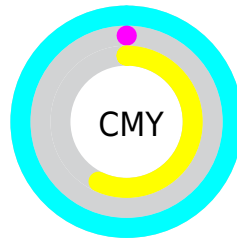
- Red (0%)
- Green (100%)
- Blue (43%)



- Red (0%)
- Yellow (70%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (57%)
- Black (0%)





- Cyan (100%)
- Magenta (0%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 85.2198, -68.4506, 41.2479 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 85.2198, -68.4506, 41.2479 by changing the saturation by 10% instead.


 85.2198, -68.4506,
41.2479


 85.2198, -68.4506,
41.2479


216.7283,
-106.5843, 69.9967

 73.2590, -63.4733,
37.5740


 110.8800,
-77.8020, 48.2041


 61.9168, -58.2424,
33.7392


 124.5297,
-82.2362, 51.5251


 51.2292, -52.7011,
29.7130


 138.6976,
-86.5388, 54.7604

 41.2389, -46.7735,
25.4608

 153.3655,
-90.7270, 57.9217

 31.9986, -40.3546,
20.9729

 168.5169,
-94.8147, 61.0184

 23.5750, -33.2977,
16.5025


184.1367,

 16.0565, -28.0988,


-98.8138, 64.0587


11.2395


200.2113,
-102.7342, 67.0495


 9.5691, -16.7459,
6.6984


0.0000, NaN, NaN


 85.2198, -68.4506,
41.2479


 85.2198, -68.4506,
41.2479

 85.2198, -68.4508,
41.2485

 85.5444, -66.6823,
38.4190

 86.0611, -64.0581,
35.2903

 86.8165, -60.4032,
31.9145

 87.8354, -55.6506,
28.3387

■ 89.1342, -49.7811,
24.6125

■ 90.7230, -42.8147,
20.7866

■ 92.6063, -34.8032,
16.9109

■ 94.7837, -25.8224,
13.0324

■ 97.2512, -15.9645,
9.1938

Harmonies

Analogous

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



85.2199, -40.8520, 52.1694



85.2198, -68.4506, 41.2479



85.2199, -78.9760, 11.5763

Triad

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



85.2199, -68.4501, 41.2472



85.2199, -12.0414, -139.5029



85.2199, 97.1459, 34.5062

Complementary

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



85.2198, -68.4506, 41.2479



48.3072, 87.0226, -2.0909

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.



85.2199, 109.6684, -2.9360



85.2198, -68.4506, 41.2479



85.2199, 39.0706, -120.7577

Square

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



85.2199, -68.4501, 41.2472



85.2199, -51.3797, -105.2205



85.2199, 86.4326, -62.8332



85.2199, 55.2542, 50.0827

Rectangle

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



85.2198, -68.4506, 41.2479



85.2199, -77.1099, -22.2510



85.2199, 86.4326, -62.8332



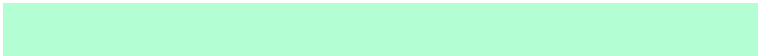
85.2199, 105.2774, 24.8866

Sweetspot

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



85.2199, -68.4501, 41.2472



92.6053, -34.8074, 16.9128



88.2534, -57.1371, 53.3808



42.4595, -17.7230, 8.5820

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.2199, -68.4501, 41.2472



85.2198, -68.4508, 41.2485



88.0036, -51.4222, 1.0096



45.0523, -7.1526, 4.1671



61.6248, -49.3363, 29.4773



19.2846, -15.0502, 8.3850

Inverse Universe

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



48.3072, 87.0226, -2.0909



48.3068, 87.0230, -2.0888



46.1686, 79.1830, 28.9076



42.6162, 2.6805, 0.6679



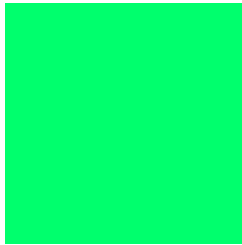
34.9625, 63.0634, -2.1284



11.0095, 20.0390, -2.0712

Previews

White Background



This preview shows how the HunterLab color 85.2198, -68.4506, 41.2479 looks on a white background.

Color Contrast Check

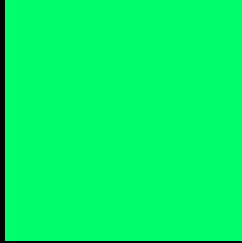
Large Text (above 18pt) WCAG AA × Fail

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 85.2198, -68.4506, 41.2479 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 85.2198, -68.4506, 41.2479 Background



This preview shows how black text looks on a background with the HunterLab color 85.2198, -68.4506, 41.2479.



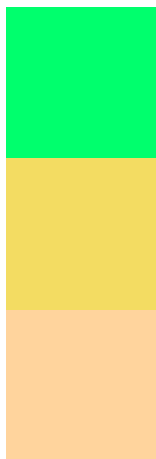
This preview shows how white text looks on a background with the HunterLab color 85.2198, -68.4506, 41.2479.

-68.4506, 41.2479.

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

85.2198, -68.4506, 41.2479

Protanopia

84.3344, -10.5160, 43.6586

Deuteranopia

84.1316, 3.1313, 29.4167



Tritanopia

84.7239, -30.1153, -14.5274

Trichromacy



Original Color

85.2198, -68.4506, 41.2479



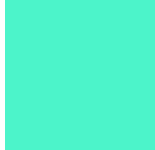
Protanomaly

81.3669, -43.5524, 40.2157



Deuteranomaly

80.6608, -36.3118, 30.8297



Tritanomaly

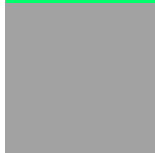
83.9655, -49.1669, 11.4223

Monochromacy



Original Color

85.2198, -68.4506, 41.2479



Achromatopsia

60.1088, -3.2073, 3.2658



Achromatomaly

66.5932, -35.3436, 17.2790

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.2198, -68.4506, 41.2479 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(0, 255, 109)` looks like.

```
.text, #text, p{  
    color:rgb(0, 255, 109)  
}
```

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(0, 255, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 255, 109) }
```

Border

The CSS property to change the border of an element to HunterLab 85.2198, -68.4506, 41.2479 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(0, 255, 109) }
```


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

```
.border{ border-color:rgb(0, 255, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 255, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 255, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 255, 109);  
box-shadow:4px 4px 4px 4px rgb(0, 255,  
109) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.2198, -68.4506, 41.2479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 255, 109) }
```

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

```
.background{ background-color: rgb(0, 255,  
109) }
```

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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