

Converting Colors

HunterLab(85.1752, -68.7283,
41.9031)

Have a look what the booklet for
HunterLab(85.1752, -68.7283,
41.9031) contains.

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Color

**HunterLab(85.1704,
-68.7585, 41.9743)**

Conversions

Conversions Part 1

Format	Color
Hex	00FF69
RGB	0, 255, 105
RGB Percent	0%, 100%, 41%
CMY	1.0000, 0.0000, 0.5882
CMYK	1.00, 0.00, 0.59, 0.00
HSL	145°, 100%, 50%
HSV	145°, 100%, 100%
XYZ	38.3098, 72.5400, 25.3471
YIQ	161.6550, -103.8300, -100.7100

Conversions

Conversions Part 2

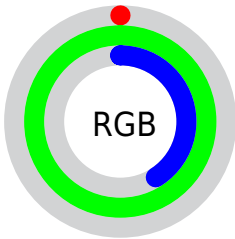
Format	Color
RYB	0, 181, 255
Decimal	65385
CIELab	88.23, -79.92, 56.67
CIELCh	88, 97.969, 144.659
Yxy	72.5401, 0.2813, 0.5326
Android (android.graphics.Color)	4278255465 (0xFF00FF69)
YUV	161.6550, -27.9309, -141.7714
Hunter-Lab	85.1704, -68.7585, 41.9743

Details

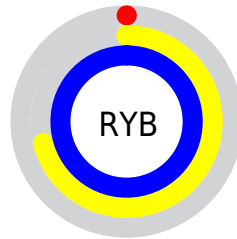
The HunterLab color **85.1704, -68.7585, 41.9743** is a dark color, and the websafe version is hex **00FF66**. The color can be described as dark saturated spring green. A complement of this color would be **48.4381, 87.4967, -3.9431**, and the grayscale version is **60.1104, -3.2073, 3.2659**.

A 20% lighter version of the original color is **88.1879, -54.5259, 31.0268**, and **63.0160, -52.7316, 35.0678** is the 20% darker color. If you saturate the color by 10%, you get **85.1703, -68.7587, 41.9747**, and if you desaturate by 10%, it is **85.4923, -67.0055, 39.1827**.

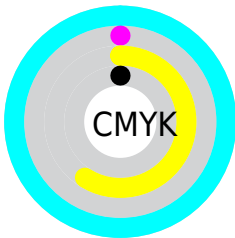
Distribution



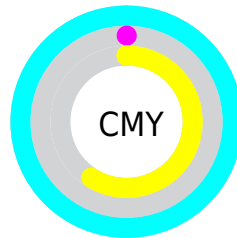
- Red (0%)
- Green (100%)
- Blue (41%)



- Red (0%)
- Yellow (71%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (59%)
- Black (0%)



- Cyan (100%)
- Magenta (0%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.1704, -68.7585, 41.9743 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 85.1704, -68.7585, 41.9743 by changing the saturation by 10% instead.

85.1704, -68.7585,
41.9743

85.1704, -68.7585,
41.9743

216.6609,
-107.1098, 71.4627

73.2120, -63.7501,
38.1976

110.8260,
-78.1666, 49.1210

61.8724, -58.4858,
34.2546

124.4736,
-82.6269, 52.5305

51.1875, -52.9084,
30.1146

138.6395,
-86.9544, 55.8505

41.2001, -46.9414,
25.7442

153.3054,
-91.1663, 59.0928

31.9630, -40.4792,
21.1756

168.4548,
-95.2768, 62.2674

23.5428, -33.3745,
16.4799

184.0728,

16.0282, -28.0493,

-99.2978, 65.3827

11.2197

200.1456,
-103.2393, 68.4457

■ 9.5452, -16.7042,
6.6817

0.0000, NaN, NaN

■ 85.1704, -68.7585,
41.9743

■ 85.1704, -68.7585,
41.9743

■ 85.1703, -68.7587,
41.9747

■ 85.4923, -67.0055,
39.1827

■ 86.0079, -64.3864,
36.0680

■ 86.7639, -60.7254,
32.6815

■ 87.7851, -55.9553,
29.0691

■ 89.0881, -50.0571,
25.2802

■ 90.6829, -43.0516,
21.3660

■ 92.5738, -34.9916,
17.3777

■ 94.7605, -25.9544,
13.3638

■ 97.2388, -16.0333,
9.3689

Harmonies

Analogous

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



85.1705, -40.5105, 52.5573



85.1704, -68.7585, 41.9743



85.1705, -79.7142, 12.5885

Triad

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



85.1705, -68.7580, 41.9735



85.1705, -13.1704, -142.2939



85.1705, 99.5134, 34.2683

Complementary

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



85.1704, -68.7585, 41.9743



48.4381, 87.4967, -3.9431

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.



85.1705, 111.4881, -4.1658



85.1704, -68.7585, 41.9743



85.1705, 38.5894, -124.2676

Square

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



85.1705, -68.7580, 41.9735



85.1705, -52.6226, -106.1770



85.1705, 87.0943, -65.5080



85.1705, 57.3194, 50.2051

Rectangle

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



85.1704, -68.7585, 41.9743



85.1705, -78.0668, -21.4060



85.1705, 87.0943, -65.5080



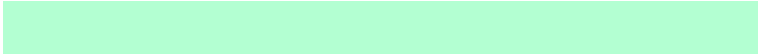
85.1705, 107.5574, 24.3984

Sweetspot

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



85.1705, -68.7580, 41.9735



92.5729, -34.9955, 17.3795



88.4832, -56.2025, 53.5388



42.4429, -17.8200, 8.8212

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.1705, -68.7580, 41.9735



85.1703, -68.7587, 41.9747



87.8665, -52.2465, 2.9603



45.0469, -7.1827, 4.2443



61.5886, -49.5612, 30.0081



19.2727, -15.1240, 8.5593

Inverse Universe

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



48.4381, 87.4967, -3.9431



48.4377, 87.4971, -3.9412



46.1873, 79.2525, 28.6298



42.6220, 2.7117, 0.5850



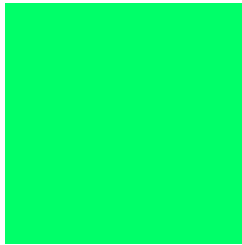
35.0569, 63.4049, -3.4620



11.0380, 20.1416, -2.4702

Previews

White Background



This preview shows how the HunterLab color 85.1704, -68.7585, 41.9743 looks on a white background.

Color Contrast Check

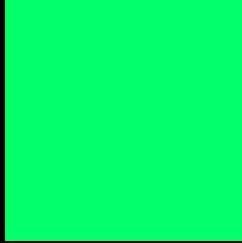
Large Text (above 18pt) WCAG AA × Fail

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 85.1704, -68.7585, 41.9743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

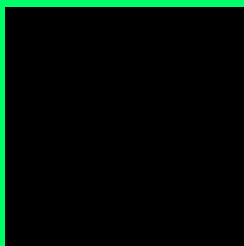
Any Text WCAG AA ✓ Pass

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 85.1704, -68.7585, 41.9743 Background



This preview shows how black text looks on a background with the HunterLab color 85.1704, -68.7585, 41.9743.



This preview shows how white text looks on a background with the HunterLab color 85.1704,

-68.7585, 41.9743.

Color Blindness Simulation

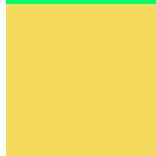
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



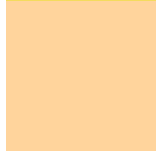
Original Color

85.1704, -68.7585, 41.9743



Protanopia

84.0858, -9.8877, 44.1733



Deuteranopia

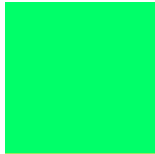
84.1114, 3.0223, 29.7111



Tritanopia

84.7239, -30.1153, -14.5274

Trichromacy



Original Color

85.1704, -68.7585, 41.9743



Protanomaly

80.9714, -43.4267, 40.6728



Deuteranomaly

80.6067, -36.6299, 31.6200



Tritanomaly

83.9095, -49.5041, 12.2271

Monochromacy



Original Color

85.1704, -68.7585, 41.9743



Achromatopsia

60.1088, -3.2073, 3.2658



Achromatomaly

66.5481, -35.6124, 17.9323

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.1704, -68.7585, 41.9743 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, 105)` looks like.

```
.text, #text, p{  
    color:rgb(0, 255, 105)  
}
```

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, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 255, 105) }
```

Border

The CSS property to change the border of an element to HunterLab 85.1704, -68.7585, 41.9743 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, 105) }
```


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

```
.border{ border-color:rgb(0, 255, 105) }
```

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, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 255, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 255, 105);  
box-shadow:4px 4px 4px 4px rgb(0, 255,  
105) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.1704, -68.7585, 41.9743 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, 105) }
```

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

```
.background{ background-color: rgb(0, 255,  
105) }
```

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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