

Converting Colors

HunterLab(85.2470, -68.2815,
40.8488)

Have a look what the booklet for
HunterLab(85.2470, -68.2815,
40.8488) contains.

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Color

**HunterLab(85.2454,
-68.2914, 40.8723)**

Conversions

Conversions Part 1

Format	Color
Hex	00FF6F
RGB	0, 255, 111
RGB Percent	0%, 100%, 44%
CMY	0.9999, 0.0000, 0.5647
CMYK	1.00, 0.00, 0.56, 0.00
HSL	146°, 100%, 50%
HSV	146°, 100%, 100%
XYZ	38.6293, 72.6678, 27.0293
YIQ	162.3390, -105.7560, -98.8440

Conversions

Conversions Part 2

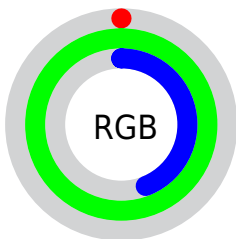
Format	Color
RYB	0, 178, 255
Decimal	65391
CIELab	88.29, -79.16, 54.11
CIELCh	88, 95.884, 145.644
Yxy	72.6679, 0.2793, 0.5253
Android (android.graphics.Color)	4278255471 (0xFF00FF6F)
YUV	162.3390, -25.3101, -142.3713
Hunter-Lab	85.2454, -68.2914, 40.8723

Details

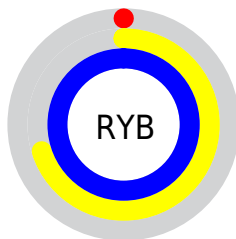
The HunterLab color **85.2454, -68.2914, 40.8723** is a dark color, and the websafe version is hex **00FF66**. The color can be described as dark saturated spring green. A complement of this color would be **48.2434, 86.7910, -1.1855**, and the grayscale version is **60.3814, -3.2218, 3.2806**.

A 20% lighter version of the original color is **88.3098, -53.7899, 29.2532**, and **63.0676, -52.4083, 34.3054** is the 20% darker color. If you saturate the color by 10%, you get **85.2453, -68.2917, 40.8731**, and if you desaturate by 10%, it is **85.5712, -66.5162, 38.0268**.

Distribution



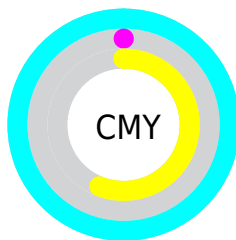
- Red (0%)
- Green (100%)
- Blue (44%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (56%)
- Black (0%)





- Cyan (100%)
- Magenta (0%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 85.2454, -68.2914, 40.8723 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 85.2454, -68.2914, 40.8723 by changing the saturation by 10% instead.


 85.2454, -68.2914,
40.8723


 85.2454, -68.2914,
40.8723


216.7632,
-106.3130, 69.2476

 73.2833, -63.3301,
37.2503


 110.9079,
-77.6135, 47.7322


 61.9398, -58.1164,
33.4705


 124.5587,
-82.0342, 51.0084

 51.2508, -52.5937,
29.5020


 138.7277,
-86.3241, 54.2011

 41.2590, -46.6864,
25.3100

 153.3966,
-90.5000, 57.3214

 32.0171, -40.2898,
20.8707

 168.5490,
-94.5760, 60.3788

 23.5916, -33.2576,
16.5141

184.1697,

 16.0711, -28.1245,

-98.5638, 63.3814

11.2498

200.2453,
-102.4733, 66.3357

■ 9.5814, -16.7675,
6.7070

0.0000, NaN, NaN

■ 85.2454, -68.2914,
40.8723

■ 85.2454, -68.2914,
40.8723


■ 85.2453, -68.2917,
40.8731


■ 85.5712, -66.5162,
38.0268


■ 86.0883, -63.8903,
34.8929


■ 86.8433, -60.2392,
31.5244


■ 87.8609, -55.4961,
27.9686

 89.1576, -49.6414,
24.2752

 90.7434, -42.6950,
20.4946

 92.6227, -34.7080,
16.6761

 94.7955, -25.7557,
12.8660

 97.2575, -15.9295,
9.1059

Harmonies

Analogous

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



85.2455, -41.0214, 51.9665



85.2454, -68.2914, 40.8723



85.2455, -78.5977, 11.0602

Triad

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



85.2455, -68.2908, 40.8715



85.2455, -11.4696, -138.0911



85.2455, 95.9500, 34.6241

Complementary

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



85.2454, -68.2914, 40.8723



48.2434, 86.7910, -1.1855

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.



85.2455, 108.7446, -2.3217



85.2454, -68.2914, 40.8723



85.2455, 39.3098, -118.9935

Square

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



85.2455, -68.2908, 40.8715



85.2455, -50.7463, -104.7286



85.2455, 86.0918, -61.4940



85.2455, 54.2140, 50.0190

Rectangle

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



85.2454, -68.2914, 40.8723



85.2455, -76.6202, -22.6767



85.2455, 86.0918, -61.4940



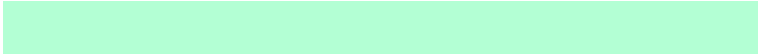
85.2455, 104.1242, 25.1297

Sweetspot

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



85.2455, -68.2908, 40.8715



92.6216, -34.7129, 16.6783



88.0313, -58.0430, 53.2280



42.4678, -17.6743, 8.4617

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.2455, -68.2908, 40.8715



85.2453, -68.2917, 40.8731



88.1437, -50.5807, -0.9823



45.0550, -7.1375, 4.1285



61.6434, -49.2202, 29.2033



19.2907, -15.0123, 8.2956

Inverse Universe

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



48.2434, 86.7910, -1.1855



48.2429, 86.7914, -1.1830



46.1528, 79.1241, 29.1424



42.6133, 2.6649, 0.7093



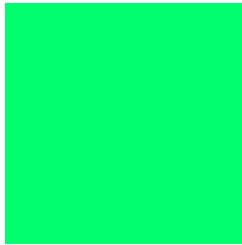
34.9164, 62.8964, -1.4758



10.9955, 19.9885, -1.8751

Previews

White Background



This preview shows how the HunterLab color 85.2454, -68.2914, 40.8723 looks on a white background.

Color Contrast Check

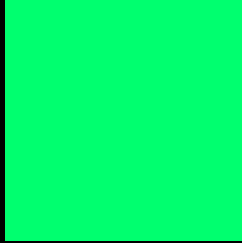
Large Text (above 18pt) WCAG AA × Fail

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 85.2454, -68.2914, 40.8723 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 85.2454, -68.2914, 40.8723 Background



This preview shows how black text looks on a background with the HunterLab color 85.2454, -68.2914, 40.8723.



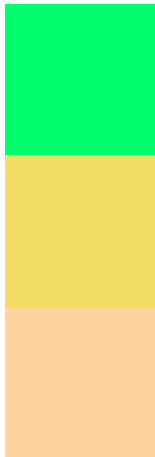
This preview shows how white text looks on a background with the HunterLab color 85.2454, -68.2914, 40.8723.

-68.2914, 40.8723.

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

85.2454, -68.2914, 40.8723

Protanopia

84.3571, -10.3902, 43.3246

Deuteranopia

84.1520, 3.2411, 29.1199



Tritanopia

84.7663, -29.9550, -14.4654

Trichromacy



Original Color

85.2454, -68.2914, 40.8723



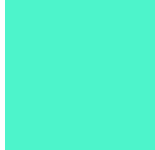
Protanomaly

81.3916, -43.4053, 39.8529



Deuteranomaly

80.6792, -36.2038, 30.5617



Tritanomaly

84.0184, -48.8984, 11.0449

Monochromacy



Original Color

85.2454, -68.2914, 40.8723



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 85.2454, -68.2914, 40.8723 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, 111)` looks like.

```
.text, #text, p{  
    color:rgb(0, 255, 111)  
}
```

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, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 255, 111) }
```

Border

The CSS property to change the border of an element to HunterLab 85.2454, -68.2914, 40.8723 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, 111) }
```


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

```
.border{ border-color:rgb(0, 255, 111) }
```

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, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 255, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 255, 111);  
box-shadow:4px 4px 4px 4px rgb(0, 255,  
111) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.2454, -68.2914, 40.8723 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, 111) }
```

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

```
.background{ background-color: rgb(0, 255,  
111) }
```

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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