

Converting Colors

HunterLab(85.4163, -67.2284,
38.3640)

Have a look what the booklet for
HunterLab(85.4163, -67.2284,
38.3640) contains.

HunterLab(85.4108, -67.2624, 38.4441)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(85.4108,
-67.2624, 38.4441)**

Conversions

Conversions Part 1

Format	Color
Hex	00FF7B
RGB	0, 255, 123
RGB Percent	0%, 100%, 48%
CMY	0.9999, 0.0000, 0.5176
CMYK	1.00, 0.00, 0.52, 0.00
HSL	149°, 100%, 50%
HSV	149°, 100%, 100%
XYZ	39.3351, 72.9500, 30.7465
YIQ	163.7070, -109.6080, -95.1120

Conversions

Conversions Part 2

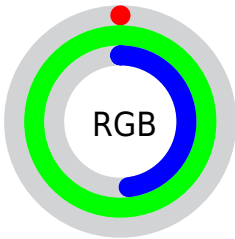
Format	Color
RYB	0, 172, 255
Decimal	65403
CIELab	88.42, -77.50, 48.83
CIELCh	88, 91.595, 147.786
Yxy	72.9502, 0.2750, 0.5100
Android (android.graphics.Color)	4278255483 (0xFF00FF7B)
YUV	163.7070, -20.0686, -143.5710
Hunter-Lab	85.4108, -67.2624, 38.4441

Details

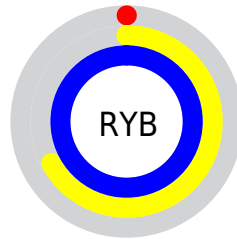
The HunterLab color **85.4108, -67.2624, 38.4441** is a dark color, and the websafe version is hex **00FF66**. The color can be described as dark saturated spring green. A complement of this color would be **47.8817, 85.4769, 3.9653**, and the grayscale version is **60.9230, -3.2507, 3.3101**.

A 20% lighter version of the original color is **88.5705, -52.2192, 25.4673**, and **63.1839, -51.6817, 32.5916** is the 20% darker color. If you saturate the color by 10%, you get **85.4108, -67.2627, 38.4449**, and if you desaturate by 10%, it is **85.7419, -65.4590, 35.5284**.

Distribution



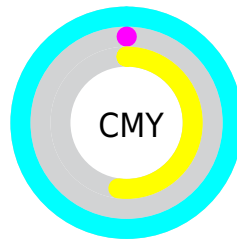
- Red (0%)
- Green (100%)
- Blue (48%)



- Red (0%)
- Yellow (67%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (52%)
- Black (0%)





- Cyan (100%)
- Magenta (0%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 85.4108, -67.2624, 38.4441 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 85.4108, -67.2624, 38.4441 by changing the saturation by 10% instead.


 85.4108, -67.2624,
38.4441


 85.4108, -67.2624,
38.4441


216.9890,
-104.5655, 64.5404

 73.4406, -62.4039,
35.1410


 111.0885,
-76.3972, 44.7154


 62.0886, -57.3004,
31.6983


 124.7464,
-80.7317, 47.7186


 51.3904, -51.8969,
28.0864


 138.9223,
-84.9395, 50.6505

 41.3889, -46.1196,
24.2694

 153.5978,
-89.0370, 53.5212

 32.1365, -39.8661,
20.2062

 168.7566,
-93.0378, 56.3391

 23.6995, -32.9921,
16.5582


184.3836,

 16.1661, -27.7735,


-96.9533, 59.1111


11.3163


200.4653,
-100.7932, 61.8432


 9.6613, -16.9074,
6.7629


0.0000, NaN, NaN


 85.4108, -67.2624,
38.4441


 85.4108, -67.2624,
38.4441

 85.4108, -67.2627,
38.4449

 85.7419, -65.4590,
35.5284

 86.2595, -62.8353,
32.3923

 87.0103, -59.2189,
29.0937

 88.0185, -54.5429,
25.6817

■ 89.3006, -48.7868,
22.2057

■ 90.8668, -41.9680,
18.7140

■ 92.7217, -34.1343,
15.2523

■ 94.8655, -25.3571,
11.8618

■ 97.2944, -15.7236,
8.5784

Harmonies

Analogous

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



85.4109, -42.0134, 50.6180



85.4108, -67.2624, 38.4441



85.4109, -76.2034, 7.8362

Triad

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



85.4109, -67.2618, 38.4434



85.4109, -7.9521, -129.4348



85.4109, 88.6376, 35.3112

Complementary

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



85.4108, -67.2624, 38.4441



47.8817, 85.4769, 3.9653

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.



85.4109, 103.0305, 1.3344



85.4108, -67.2624, 38.4441



85.4109, 40.7142, -108.3370

Square

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



85.4109, -67.2618, 38.4434



85.4109, -46.7896, -101.5943



85.4109, 83.9112, -53.4774



85.4109, 47.8973, 49.5995

Rectangle

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



85.4108, -67.2624, 38.4441



85.4109, -73.5299, -25.2591



85.4109, 83.9112, -53.4774



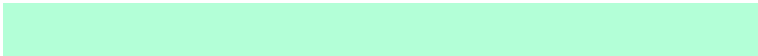
85.4109, 97.0510, 26.5676

Sweetspot

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



85.4109, -67.2618, 38.4434



92.7206, -34.1389, 15.2541



87.6098, -59.7691, 52.9381



42.5187, -17.3775, 7.7296

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.4109, -67.2618, 38.4434



85.4108, -67.2627, 38.4449



88.4334, -48.8461, -5.0888



45.0712, -7.0467, 3.8959



61.7639, -48.4712, 27.4359



19.3294, -14.7722, 7.7288

Inverse Universe

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



47.8817, 85.4769, 3.9653



47.8811, 85.4773, 3.9677



46.1291, 79.0363, 29.4940



42.5959, 2.5716, 0.9568



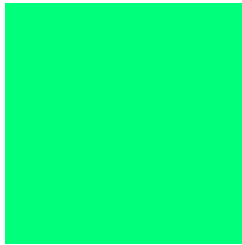
34.6550, 61.9474, 2.2420



10.9153, 19.6988, -0.7451

Previews

White Background



This preview shows how the HunterLab color 85.4108, -67.2624, 38.4441 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 85.4108, -67.2624, 38.4441 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 85.4108, -67.2624, 38.4441 Background



This preview shows how black text looks on a background with the HunterLab color 85.4108, -67.2624, 38.4441.



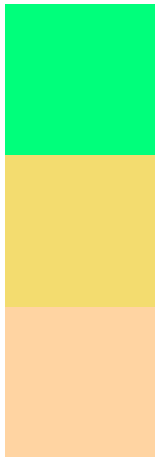
This preview shows how white text looks on a background with the HunterLab color 85.4108, -67.2624, 38.4441.

-67.2624, 38.4441.

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

85.4108, -67.2624, 38.4441

Protanopia

84.4919, -9.6429, 41.3415

Deuteranopia

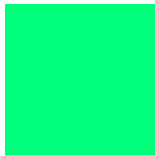
84.2351, 3.6888, 27.9101



Tritanopia

85.1508, -30.2585, -13.9350

Trichromacy



Original Color

85.4108, -67.2624, 38.4441



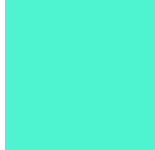
Protanomaly

81.5378, -42.5346, 37.7045



Deuteranomaly

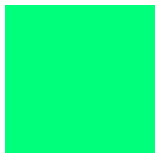
80.8123, -35.4224, 28.6207



Tritanomaly

84.1582, -48.1092, 9.4276

Monochromacy



Original Color

85.4108, -67.2624, 38.4441



Achromatopsia

60.9293, -3.2510, 3.3104



Achromatomaly

67.1159, -34.7401, 15.6300

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.4108, -67.2624, 38.4441 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, 123)` looks like.

```
.text, #text, p{  
    color:rgb(0, 255, 123)  
}
```

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, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 255, 123) }
```

Border

The CSS property to change the border of an element to HunterLab 85.4108, -67.2624, 38.4441 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, 123) }
```


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

```
.border{ border-color:rgb(0, 255, 123) }
```

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, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 255, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 255, 123);  
box-shadow:4px 4px 4px 4px rgb(0, 255,  
123) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.4108, -67.2624, 38.4441 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, 123) }
```

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

```
.background{ background-color: rgb(0, 255,  
123) }
```

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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