

# Converting Colors

HunterLab(85.3827, -67.4375,  
38.8571)

Have a look what the booklet for  
HunterLab(85.3827, -67.4375,  
38.8571) contains.

<b>HunterLab(85.3818, -67.4428, 38.8698)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(85.3818,  
-67.4428, 38.8698)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00FF79
RGB	0, 255, 121
RGB Percent	0%, 100%, 47%
CMY	0.9999, 0.0000, 0.5255
CMYK	1.00, 0.00, 0.53, 0.00
HSL	148°, 100%, 50%
HSV	148°, 100%, 100%
XYZ	39.2112, 72.9005, 30.0938
YIQ	163.4790, -108.9660, -95.7340

# Conversions

## Conversions Part 2

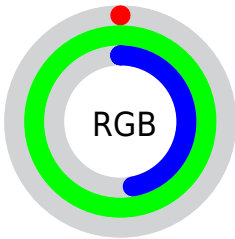
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 173, 255</a>
Decimal	<a href="#">65401</a>
CIELab	<a href="#">88.40, -77.79, 49.72</a>
CIELCh	<a href="#">88, 92.319, 147.413</a>
Yxy	<a href="#">72.9007, 0.2757, 0.5126</a>
Android (android.graphics.Color)	<a href="#">4278255481 (0xFF00FF79)</a>
YUV	<a href="#">163.4790, -20.9421, -143.3711</a>
Hunter-Lab	<a href="#">85.3818, -67.4428, 38.8698</a>

# Details

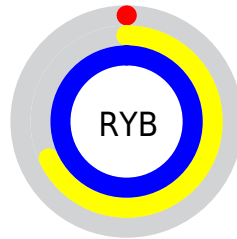
The HunterLab color **85.3818, -67.4428, 38.8698** is a dark color, and the websafe version is hex **00FF66**. The color can be described as dark saturated spring green. A complement of this color would be **47.9394, 85.6869, 3.1411**, and the grayscale version is **60.8326, -3.2459, 3.3052**.

A 20% lighter version of the original color is **88.5255, -52.4902, 26.1205**, and **63.1642, -51.8045, 32.8812** is the 20% darker color. If you saturate the color by 10%, you get **85.3817, -67.4431, 38.8706**, and if you desaturate by 10%, it is **85.7122, -65.6425, 35.9623**.

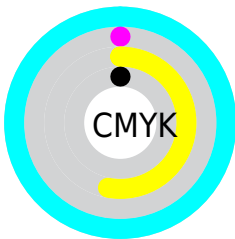
# Distribution



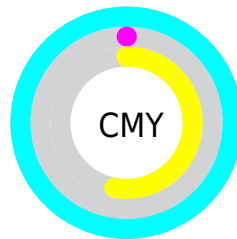
- Red (0%)
- Green (100%)
- Blue (47%)



- Red (0%)
- Yellow (68%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (53%)
- Black (0%)




- Cyan (100%)
- Magenta (0%)
- Yellow (53%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.3818, -67.4428, 38.8698 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 85.3818, -67.4428, 38.8698 by changing the saturation by 10% instead.





 85.3818, -67.4428,  
38.8698

 85.3818, -67.4428,  
38.8698


216.9494,  
-104.8711, 65.3498


 73.4130, -62.5663,  
35.5128


 111.0568,  
-76.6102, 45.2403


 62.0625, -57.4437,  
32.0131


 124.7135,  
-80.9598, 48.2895


 51.3659, -52.0194,  
28.3407


 138.8882,  
-85.1818, 51.2653

 41.3661, -46.2195,  
24.4598

 153.5625,  
-89.2930, 54.1780

 32.1155, -39.9410,  
20.3299

 168.7202,  
-93.3069, 57.0361

 23.6806, -33.0394,  
16.5764

184.3461,

 16.1494, -27.8495,

-97.2350, 59.8469

11.3046

200.4267,  
-101.0870, 62.6164

■ 9.6473, -16.8828,  
6.7531

0.0000, NaN, NaN

■ 85.3818, -67.4428,  
38.8698

■ 85.3818, -67.4428,  
38.8698

■ 85.3817, -67.4431,  
38.8706

■ 85.7122, -65.6425,  
35.9623

■ 86.2300, -63.0171,  
32.8231

■ 86.9817, -59.3935,  
29.5096

■ 87.9916, -54.7051,  
26.0709

■ 89.2764, -48.9316,  
22.5562

■ 90.8459, -42.0906,  
19.0143

■ 92.7050, -34.2308,  
15.4915

■ 94.8537, -25.4239,  
12.0300

■ 97.2882, -15.7580,  
8.6665

# Harmonies

## Analogous

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



85.3819, -41.8515, 50.8589



85.3818, -67.4428, 38.8698



85.3819, -76.6173, 8.3881

# Triad

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



85.3819, -67.4422, 38.8690



85.3819, -8.5478, -130.8973



85.3819, 89.8708, 35.1993

# Complementary

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



85.3818, -67.4428, 38.8698



47.9394, 85.6869, 3.1411

# 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.



85.3819, 104.0021, 0.7297



85.3818, -67.4428, 38.8698



85.3819, 40.4845, -110.1182

# Square

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



85.3819, -67.4422, 38.8690



85.3819, -47.4671, -102.1382



85.3819, 84.2907, -54.8086



85.3819, 48.9573, 49.6739



# Rectangle

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



85.3818, -67.4428, 38.8698



85.3819, -74.0629, -24.8263



85.3819, 84.2907, -54.8086



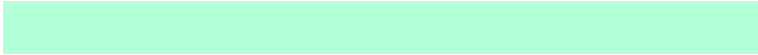
85.3819, 98.2465, 26.3310

# Sweetspot

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



85.3819, -67.4422, 38.8690



92.7039, -34.2354, 15.4935



87.6098, -59.7691, 52.9381



42.5101, -17.4275, 7.8528

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



85.3819, -67.4422, 38.8690



85.3817, -67.4431, 38.8706



88.4334, -48.8461, -5.0888



45.0685, -7.0618, 3.9347



61.7428, -48.6022, 27.7452



19.3227, -14.8138, 7.8269



# Inverse Universe

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



47.9394, 85.6869, 3.1411



47.9388, 85.6873, 3.1435



46.1291, 79.0363, 29.4940



42.5988, 2.5871, 0.9157



34.6968, 62.0992, 1.6462

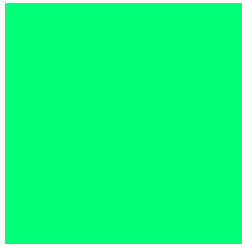


10.9282, 19.7455, -0.9277



# Previews

## White Background



This preview shows how the HunterLab color 85.3818, -67.4428, 38.8698 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 85.3818, -67.4428, 38.8698 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 85.3818, -67.4428, 38.8698 Background



This preview shows how black text looks on a background with the HunterLab color 85.3818, -67.4428, 38.8698.



This preview shows how white text looks on a background with the HunterLab color 85.3818, -67.4428, 38.8698.

-67.4428, 38.8698.

# Color Blindness Simulation

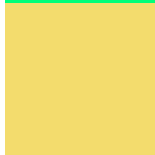
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

85.3818, -67.4428, 38.8698



### Protanopia

84.4661, -9.7858, 41.7207



### Deuteranopia

84.2141, 3.5756, 28.2160



## Tritanopia

85.1508, -30.2585, -13.9350

# Trichromacy



## Original Color

85.3818, -67.4428, 38.8698



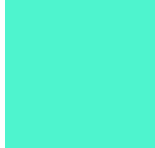
## Protanomaly

81.5099, -42.7008, 38.1145



## Deuteranomaly

80.7735, -35.6504, 29.1868



## Tritanomaly

84.1292, -48.2830, 9.8427

# Monochromacy



## Original Color

85.3818, -67.4428, 38.8698



## Achromatopsia

60.5188, -3.2291, 3.2881



## Achromatomaly

66.7540, -34.4762, 15.6457

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 85.3818, -67.4428, 38.8698 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, 121)` looks like.

```
.text, #text, p{  
    color:rgb(0, 255, 121)  
}
```

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, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 255, 121) }
```

## Border

The CSS property to change the border of an element to HunterLab 85.3818, -67.4428, 38.8698 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, 121) }
```



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

```
.border{ border-color:rgb(0, 255, 121) }
```

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, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 255, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 255, 121);  
box-shadow:4px 4px 4px 4px rgb(0, 255,  
121) }
```

# Background

The CSS property to change the background color of an element to HunterLab 85.3818, -67.4428, 38.8698 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, 121) }
```

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

```
.background{ background-color: rgb(0, 255,  
121) }
```

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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