

Converting Colors

HunterLab(85.3050, -67.9205,
39.9971)

Have a look what the booklet for
HunterLab(85.3050, -67.9205,
39.9971) contains.

HunterLab(85.3118, -67.8782, 39.8972)	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(85.3118,
-67.8782, 39.8972)**

Conversions

Conversions Part 1

Format	Color
Hex	00FF74
RGB	0, 255, 116
RGB Percent	0%, 100%, 45%
CMY	0.9999, 0.0000, 0.5451
CMYK	1.00, 0.00, 0.55, 0.00
HSL	147°, 100%, 50%
HSV	147°, 100%, 100%
XYZ	38.9124, 72.7810, 28.5203
YIQ	162.9090, -107.3610, -97.2890

Conversions

Conversions Part 2

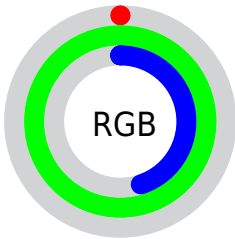
Format	Color
RYB	0, 175, 255
Decimal	65396
CIELab	88.34, -78.49, 51.93
CIELCh	88, 94.114, 146.508
Yxy	72.7811, 0.2775, 0.5191
Android (android.graphics.Color)	4278255476 (0xFF00FF74)
YUV	162.9090, -23.1261, -142.8712
Hunter-Lab	85.3118, -67.8782, 39.8972

Details

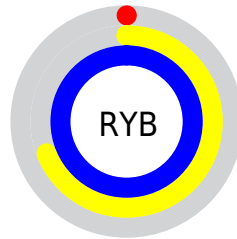
The HunterLab color **85.3118, -67.8782, 39.8972** is a dark color, and the websafe version is hex **00FF66**. The color can be described as dark saturated spring green. A complement of this color would be **48.0881, 86.2276, 1.0210**, and the grayscale version is **60.6067, -3.2338, 3.2929**.

A 20% lighter version of the original color is **88.4157, -53.1515, 27.7145**, and **63.1092, -52.1486, 33.6930** is the 20% darker color. If you saturate the color by 10%, you get **85.3117, -67.8784, 39.8978**, and if you desaturate by 10%, it is **85.6402, -66.0886, 37.0163**.

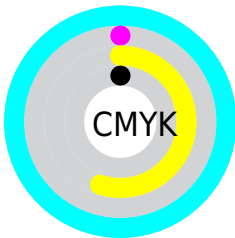
Distribution



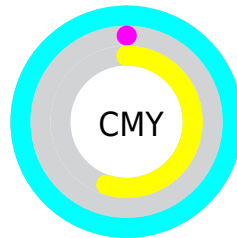
- Red (0%)
- Green (100%)
- Blue (45%)



- Red (0%)
- Yellow (69%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (55%)
- Black (0%)





- Cyan (100%)
- Magenta (0%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 85.3118, -67.8782, 39.8972 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 85.3118, -67.8782, 39.8972 by changing the saturation by 10% instead.


 85.3118, -67.8782,
39.8972

 85.3118, -67.8782,
39.8972


216.8538,
-105.6099, 67.3303

 73.3465, -62.9583,
36.4068


 110.9804,
-77.1247, 46.5139


 61.9995, -57.7891,
32.7658


 124.6340,
-81.5107, 49.6773

 51.3068, -52.3145,
28.9439


 138.8058,
-85.7674, 52.7621

 41.3111, -46.4596,
24.9055

 153.4774,
-89.9117, 55.7792

 32.0650, -40.1208,
20.6126

 168.6323,
-93.9574, 58.7376

 23.6349, -33.1523,
16.5444

184.2556,

 16.1092, -28.0346,

-97.9160, 61.6447

11.2765

200.3336,
-101.7975, 64.5071

■ 9.6135, -16.8236,
6.7294

0.0000, NaN, NaN

■ 85.3118, -67.8782,
39.8972

■ 85.3118, -67.8782,
39.8972

■ 85.3117, -67.8784,
39.8978

■ 85.6402, -66.0886,
37.0163

■ 86.1579, -63.4612,
33.8755

■ 86.9115, -59.8222,
30.5306

■ 87.9255, -55.1050,
27.0298

■ 89.2164, -49.2897,
23.4228

■ 90.7942, -42.3950,
19.7590

■ 92.6636, -34.4708,
16.0864

■ 94.8244, -25.5908,
12.4492

■ 97.2727, -15.8444,
8.8866

Harmonies

Analogous

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



85.3119, -41.4404, 51.4325



85.3118, -67.8782, 39.8972



85.3119, -77.6261, 9.7429

Triad

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



85.3119, -67.8776, 39.8964



85.3119, -10.0212, -134.5210



85.3119, 92.9300, 34.9148

Complementary

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



85.3118, -67.8782, 39.8972



48.0881, 86.2276, 1.0210

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.



85.3119, 106.3985, -0.7910



85.3118, -67.8782, 39.8972



85.3119, 39.9021, -114.5650

Square

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



85.3119, -67.8776, 39.8964



85.3119, -49.1297, -103.4607



85.3119, 85.2116, -58.1473



85.3119, 51.5961, 49.8521

Rectangle

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



85.3118, -67.8782, 39.8972



85.3119, -75.3642, -23.7477



85.3119, 85.2116, -58.1473



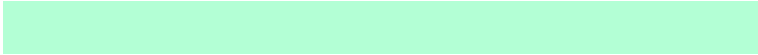
85.3119, 101.2076, 25.7338

Sweetspot

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



85.3119, -67.8776, 39.8964



92.6626, -34.4751, 16.0882



87.8167, -58.9206, 53.0805



42.4889, -17.5514, 8.1587

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.3119, -67.8776, 39.8964



85.3117, -67.8784, 39.8978



88.2870, -49.7220, -3.0150



45.0617, -7.0997, 4.0317



61.6918, -48.9189, 28.4925



19.3064, -14.9150, 8.0658

Inverse Universe

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



48.0881, 86.2276, 1.0210



48.0876, 86.2280, 1.0232



46.1397, 79.0758, 29.3364



42.6061, 2.6260, 0.8126



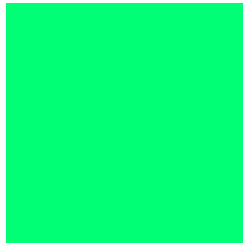
34.8043, 62.4898, 0.1152



10.9613, 19.8651, -1.3943

Previews

White Background



This preview shows how the HunterLab color 85.3118, -67.8782, 39.8972 looks on a white background.

Color Contrast Check

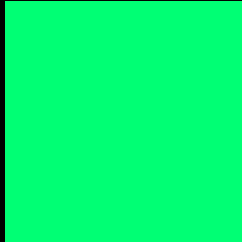
Large Text (above 18pt) WCAG AA × Fail

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 85.3118, -67.8782, 39.8972 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 85.3118, -67.8782, 39.8972 Background



This preview shows how black text looks on a background with the HunterLab color 85.3118, -67.8782, 39.8972.



This preview shows how white text looks on a background with the HunterLab color 85.3118,

-67.8782, 39.8972.

Color Blindness Simulation

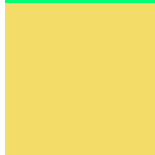
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

85.3118, -67.8782, 39.8972



Protanopia

84.4041, -10.1293, 42.6323



Deuteranopia

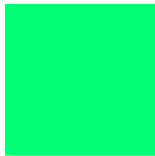
84.1932, 3.4633, 28.5196



Tritanopia

85.1082, -30.4198, -13.9971

Trichromacy



Original Color

85.3118, -67.8782, 39.8972



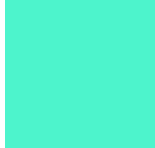
Protanomaly

81.4427, -43.1009, 39.1017



Deuteranomaly

80.7352, -35.8745, 29.7437



Tritanomaly

84.0469, -48.7275, 10.6368

Monochromacy



Original Color

85.3118, -67.8782, 39.8972



Achromatopsia

60.5188, -3.2291, 3.2881



Achromatomaly

66.7070, -34.7559, 16.3256

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.3118, -67.8782, 39.8972 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, 116)` looks like.

```
.text, #text, p{  
    color:rgb(0, 255, 116)  
}
```

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, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 255, 116) }
```

Border

The CSS property to change the border of an element to HunterLab 85.3118, -67.8782, 39.8972 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, 116) }
```


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

```
.border{ border-color:rgb(0, 255, 116) }
```

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, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 255, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 255, 116);  
box-shadow:4px 4px 4px 4px rgb(0, 255,  
116) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.3118, -67.8782, 39.8972 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, 116) }
```

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

```
.background{ background-color: rgb(0, 255,  
116) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor