

Converting Colors

HunterLab(83.0625, -68.2836,
43.5864)

Have a look what the booklet for
HunterLab(83.0625, -68.2836,
43.5864) contains.

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Color

**HunterLab(83.1019,
-68.3038, 43.5781)**

Conversions

Conversions Part 1

Format	Color
Hex	00FA57
RGB	0, 250, 87
RGB Percent	0%, 98%, 34%
CMY	1.0000, 0.0196, 0.6588
CMYK	1.00, 0.00, 0.65, 0.02
HSL	141°, 100%, 49%
HSV	141°, 100%, 98%
XYZ	35.9059, 69.0593, 20.4541
YIQ	156.6680, -96.6770, -103.6930

Conversions

Conversions Part 2

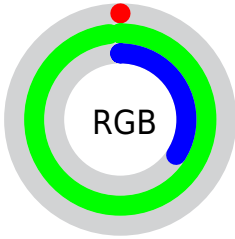
Format	Color
RYB	0, 185, 250
Decimal	64087
CIELab	86.53, -80.51, 62.24
CIELCh	87, 101.759, 142.293
Yxy	69.0621, 0.2863, 0.5506
Android (android.graphics.Color)	4278254167 (0xFF00FA57)
YUV	156.6680, -34.3463, -137.3978
Hunter-Lab	83.1019, -68.3038, 43.5781

Details

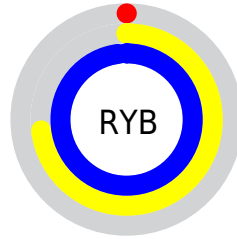
The HunterLab color **83.1019, -68.3038, 43.5781** is a dark color, and the websafe version is hex **00FF66**. The color can be described as dark saturated green. A complement of this color would be **47.9264, 87.5925, -11.8037**, and the grayscale version is **58.0963, -3.0999, 3.1565**.

A 20% lighter version of the original color is **87.8727, -56.4344, 35.6250**, and **61.4534, -52.3132, 36.1177** is the 20% darker color. If you saturate the color by 10%, you get **83.1035, -68.3052, 43.5790**, and if you desaturate by 10%, it is **83.4062, -66.6659, 41.0485**.

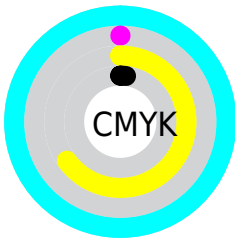
Distribution



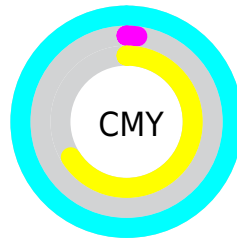
- Red (0%)
- Green (98%)
- Blue (34%)



- Red (0%)
- Yellow (73%)
- Blue (98%)



- Cyan (100%)
- Magenta (0%)
- Yellow (65%)
- Black (2%)



- Cyan (100%)
- Magenta (2%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.1019, -68.3038, 43.5781 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 83.1019, -68.3038, 43.5781 by changing the saturation by 10% instead.

■ 83.1019, -68.3038,
43.5781

■ 83.1019, -68.3038,
43.5781

213.8340,
-107.0912, 75.6367

■ 71.2477, -63.2209,
39.4385

■ 108.5681,
-77.8413, 51.3961

■ 60.0162, -57.8695,
35.1107

■ 122.1259,
-82.3564, 55.1150

■ 49.4462, -52.1907,
30.5660

■ 136.2054,
-86.7341, 58.7295

■ 39.5818, -46.1033,
25.7766

■ 150.7879,
-90.9921, 62.2530

■ 30.4778, -39.4950,
21.2320

■ 165.8565,
-95.1455, 65.6965

■ 22.2039, -32.2104,
15.5427

181.3961,

■ 14.8537, -25.9940,

-99.2064, 69.0698

10.3976

197.3929,
-103.1854, 72.3808

■ 8.5055, -14.8847,
5.9539

0.0000, NaN, NaN

■ 83.1019, -68.3038,
43.5781

■ 83.1019, -68.3038,
43.5781

■ 83.1035, -68.3052,
43.5790

■ 83.4062, -66.6659,
41.0485

■ 83.9039, -64.1407,
38.1103

■ 84.6433, -60.5529,
34.8056

■ 85.6489, -55.8354,
31.1739

■ 86.9371, -49.9706,
27.2615

■ 88.5174, -42.9812,
23.1194

■ 90.3941, -34.9231,
18.8014

■ 92.5665, -25.8765,
14.3609

■ 95.0299, -15.9385,
9.8488

Harmonies

Analogous

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



83.1036, -38.2500, 52.6940



83.1019, -68.3038, 43.5781



83.1036, -80.6022, 16.0128

Triad

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



83.1036, -68.3048, 43.5785



83.1036, -17.0995, -149.6070



83.1036, 106.2299, 32.5521

Complementary

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



83.1019, -68.3038, 43.5781



47.9264, 87.5925, -11.8037

Split Complementary

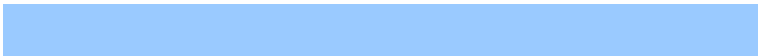
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.1036, 115.7648, -8.8836



83.1019, -68.3038, 43.5781



83.1036, 35.8263, -134.9517

Square

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



83.1036, -68.3048, 43.5785



83.1036, -56.0090, -107.2161



83.1036, 87.4978, -74.4278



83.1036, 63.9077, 49.5069

Rectangle

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



83.1019, -68.3038, 43.5781



83.1036, -79.7926, -17.7180



83.1036, 87.4978, -74.4278



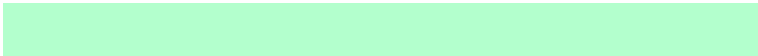
83.1036, 113.7286, 21.9301

Sweetspot

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



83.1036, -68.3048, 43.5785



92.4434, -35.7470, 19.2442



87.4949, -51.0000, 53.0210



42.3769, -18.2063, 9.7740

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.1036, -68.3048, 43.5785



84.9923, -69.8696, 44.5955



85.4076, -54.1315, 10.1026



44.0556, -7.1377, 4.4542



60.5439, -49.6201, 31.4409



18.4774, -14.7768, 8.8038

Inverse Universe

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



47.9264, 87.5925, -11.8037



49.0130, 89.5728, -12.0228



45.2656, 77.8821, 26.4268



41.7324, 2.7674, 0.2457



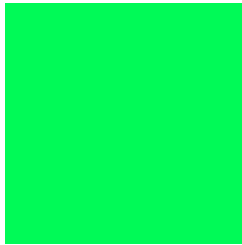
34.9448, 63.9386, -9.1599



10.7285, 19.7946, -4.0889

Previews

White Background



This preview shows how the HunterLab color 83.1019, -68.3038, 43.5781 looks on a white background.

Color Contrast Check

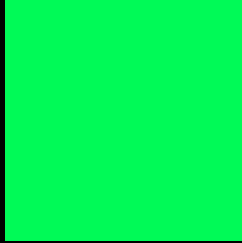
Large Text (above 18pt) WCAG AA × Fail

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 83.1019, -68.3038, 43.5781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

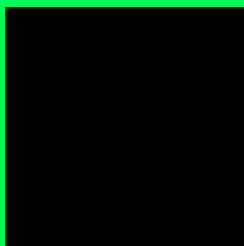
Any Text WCAG AA ✓ Pass

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 83.1019, -68.3038, 43.5781 Background



This preview shows how black text looks on a background with the HunterLab color 83.1019, -68.3038, 43.5781.



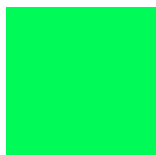
This preview shows how white text looks on a background with the HunterLab color 83.1019,

-68.3038, 43.5781.

Color Blindness Simulation

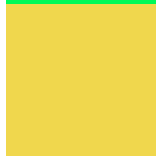
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



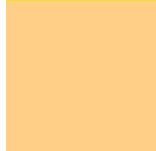
Original Color

83.1019, -68.3038, 43.5781



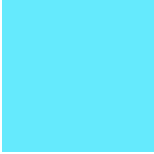
Protanopia

82.2569, -10.3295, 45.4447



Deuteranopia

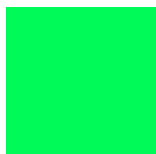
81.9463, 4.0283, 33.9811



Tritanopia

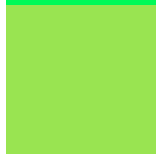
82.8880, -31.9533, -15.9562

Trichromacy



Original Color

83.1019, -68.3038, 43.5781



Protanomaly

79.2800, -43.3536, 42.2712



Deuteranomaly

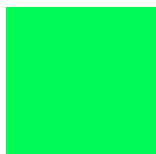
78.2508, -35.9043, 34.6028



Tritanomaly

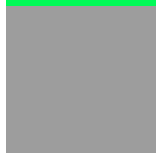
82.0125, -50.1498, 13.1840

Monochromacy



Original Color

83.1019, -68.3038, 43.5781



Achromatopsia

58.0658, -3.0982, 3.1548



Achromatomaly

64.5266, -35.3236, 19.0844

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.1019, -68.3038, 43.5781 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, 250, 87)` looks like.

```
.text, #text, p{  
    color:rgb(0, 250, 87)  
}
```

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, 250, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 250, 87) }
```

Border

The CSS property to change the border of an element to HunterLab 83.1019, -68.3038, 43.5781 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, 250, 87) }
```


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

```
.border{ border-color:rgb(0, 250, 87) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(0, 250, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 250, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 250, 87);  
box-shadow:4px 4px 4px 4px rgb(0, 250, 87)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 83.1019, -68.3038, 43.5781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 250, 87) }
```

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

```
.background{ background-color: rgb(0, 250,  
87) }
```

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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