

Converting Colors

HunterLab(84.0462, -68.9527,
43.7986)

Have a look what the booklet for
HunterLab(84.0462, -68.9527,
43.7986) contains.

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Color

**HunterLab(83.8803,
-68.7856, 43.6452)**

Conversions

Conversions Part 1

Format	Color
Hex	00FC5A
RGB	0, 252, 90
RGB Percent	0%, 99%, 35%
CMY	1.0000, 0.0117, 0.6470
CMYK	1.00, 0.00, 0.64, 0.01
HSL	141°, 100%, 49%
HSV	141°, 100%, 99%
XYZ	36.6559, 70.3590, 21.3217
YIQ	158.1840, -98.1900, -103.8060

Conversions

Conversions Part 2

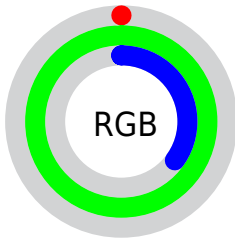
Format	Color
RYB	0, 186, 252
Decimal	64602
CIELab	87.17, -80.76, 61.74
CIELCh	87, 101.660, 142.602
Yxy	70.3619, 0.2856, 0.5482
Android (android.graphics.Color)	4278254682 (0xFF00FC5A)
YUV	158.1840, -33.6147, -138.7274
Hunter-Lab	83.8803, -68.7856, 43.6452

Details

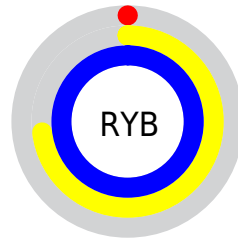
The HunterLab color **83.8803, -68.7856, 43.6452** is a dark color, and the websafe version is hex **00FF66**. The color can be described as dark saturated green. A complement of this color would be **48.2755, 88.0764, -10.6951**, and the grayscale version is **58.7121, -3.1327, 3.1899**.

A 20% lighter version of the original color is **87.9252, -56.1164, 34.8590**, and **62.1870, -52.8161, 36.2865** is the 20% darker color. If you saturate the color by 10%, you get **83.8820, -68.7869, 43.6461**, and if you desaturate by 10%, it is **84.1890, -67.1223, 41.0593**.

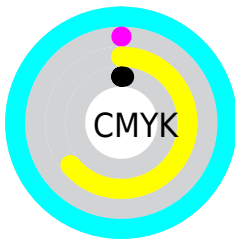
Distribution



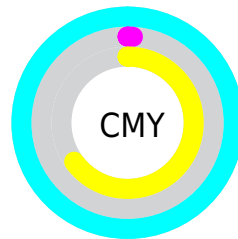
- Red (0%)
- Green (99%)
- Blue (35%)



- Red (0%)
- Yellow (73%)
- Blue (99%)



- Cyan (100%)
- Magenta (0%)
- Yellow (64%)
- Black (1%)



- Cyan (100%)
- Magenta (1%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.8803, -68.7856, 43.6452 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 83.8803, -68.7856, 43.6452 by changing the saturation by 10% instead.

83.8803, -68.7856,
43.6452

83.8803, -68.7856,
43.6452

214.8999,
-107.6130, 75.4335

71.9873, -63.7026,
39.5465

109.4188,
-78.3277, 51.3897

60.7149, -58.3533,
35.2628

123.0106,
-82.8465, 55.0755

50.1013, -52.6797,
30.7651

137.1228,
-87.2285, 58.6589

40.1903, -46.6020,
26.0249

151.7368,
-91.4915, 62.1530

31.0358, -40.0099,
21.4112

166.8360,
-95.6501, 65.5688

22.7064, -32.7506,
15.8945

182.4052,

15.2937, -26.7639,

-99.7166, 68.9157

10.7056

198.4308,
-103.7013, 72.2016

■ 8.9119, -15.5958,
6.2383

0.0000, NaN, NaN

■ 83.8803, -68.7856,
43.6452

■ 83.8803, -68.7856,
43.6452

■ 83.8820, -68.7869,
43.6461

■ 84.1890, -67.1223,
41.0593

■ 84.6920, -64.5685,
38.0740

■ 85.4381, -60.9485,
34.7335

■ 86.4519, -56.1949,
31.0785

■ 87.7499, -50.2894,
27.1560

■ 89.3418, -43.2548,
23.0178

■ 91.2320, -35.1468,
18.7175

■ 93.4196, -26.0459,
14.3083

■ 95.9002, -16.0490,
9.8406

Harmonies

Analogous

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



83.8820, -38.7908, 53.0086



83.8803, -68.7856, 43.6452



83.8820, -80.9823, 15.6618

Triad

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



83.8820, -68.7866, 43.6456



83.8820, -16.6803, -149.5380



83.8820, 105.9733, 32.9843

Complementary

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



83.8803, -68.7856, 43.6452



48.2755, 88.0764, -10.6951

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.



83.8820, 115.9027, -8.2892



83.8803, -68.7856, 43.6452



83.8820, 36.4213, -134.3183

Square

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



83.8820, -68.7866, 43.6456



83.8820, -55.9065, -107.7452



83.8820, 87.9877, -73.6565



83.8820, 63.4052, 49.9038

Rectangle

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



83.8803, -68.7856, 43.6452



83.8820, -80.0577, -18.3210



83.8820, 87.9877, -73.6565



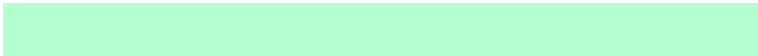
83.8820, 113.5938, 22.4014

Sweetspot

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



83.8820, -68.7866, 43.6456



92.4618, -35.6405, 18.9799



88.0315, -52.5057, 53.3253



42.3862, -18.1516, 9.6393

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.8820, -68.7866, 43.6456



85.0156, -69.7239, 44.2517



86.3071, -53.8826, 8.4409



44.0587, -7.1207, 4.4106



60.5609, -49.5142, 31.1910



18.4831, -14.7410, 8.7194

Inverse Universe

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



48.2755, 88.0764, -10.6951



48.9262, 89.2605, -10.8098



45.6455, 78.4724, 27.1398



41.7291, 2.7495, 0.2932



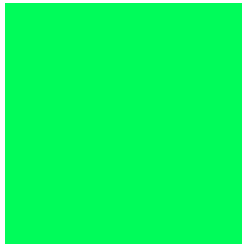
34.8834, 63.7178, -8.3030



10.7109, 19.7316, -3.8453

Previews

White Background



This preview shows how the HunterLab color 83.8803, -68.7856, 43.6452 looks on a white background.

Color Contrast Check

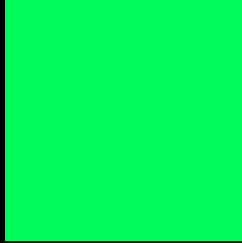
Large Text (above 18pt) WCAG AA × Fail

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 83.8803, -68.7856, 43.6452 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

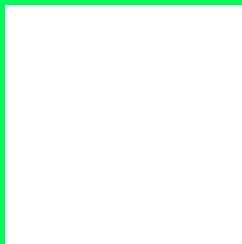
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 83.8803, -68.7856, 43.6452 Background



This preview shows how black text looks on a background with the HunterLab color 83.8803, -68.7856, 43.6452.



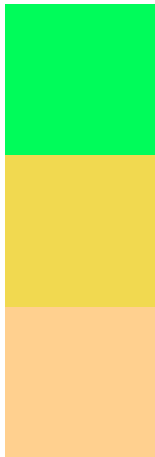
This preview shows how white text looks on a background with the HunterLab color 83.8803,

-68.7856, 43.6452.

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

83.8803, -68.7856, 43.6452

Protanopia

83.0094, -10.7908, 45.5403

Deuteranopia

82.6770, 3.7549, 32.3752



Tritanopia

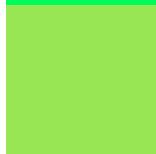
83.6526, -32.4197, -16.0758

Trichromacy



Original Color

83.8803, -68.7856, 43.6452



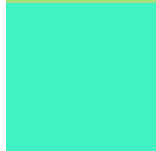
Protanomaly

80.0038, -43.9917, 42.3119



Deuteranomaly

79.0240, -36.2074, 33.7535



Tritanomaly

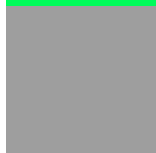
82.7855, -50.6135, 13.1493

Monochromacy



Original Color

83.8803, -68.7856, 43.6452



Achromatopsia

58.4734, -3.1200, 3.1770



Achromatomaly

64.9303, -35.4158, 19.1270

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.8803, -68.7856, 43.6452 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, 252, 90)` looks like.

```
.text, #text, p{  
    color:rgb(0, 252, 90)  
}
```

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, 252, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 252, 90) }
```

Border

The CSS property to change the border of an element to HunterLab 83.8803, -68.7856, 43.6452 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, 252, 90) }
```


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

```
.border{ border-color:rgb(0, 252, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 252, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 252, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 252, 90);  
box-shadow:4px 4px 4px 4px rgb(0, 252, 90)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 83.8803, -68.7856, 43.6452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 252, 90) }
```

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

```
.background{ background-color: rgb(0, 252,  
90) }
```

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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