

Converting Colors

HunterLab(83.8428, -70.2247,
46.7989)

Have a look what the booklet for
HunterLab(83.8428, -70.2247,
46.7989) contains.

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Color

**HunterLab(83.6745,
-70.0726, 46.6809)**

Conversions

Conversions Part 1

Format	Color
Hex	00FC42
RGB	0, 252, 66
RGB Percent	0%, 99%, 26%
CMY	1.0000, 0.0117, 0.7411
CMYK	1.00, 0.00, 0.74, 0.01
HSL	136°, 100%, 49%
HSV	136°, 100%, 99%
XYZ	35.7938, 70.0142, 16.7818
YIQ	155.4480, -90.4860, -111.2700

Conversions

Conversions Part 2

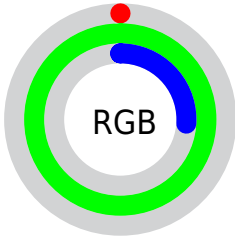
Format	Color
RYB	0, 200, 252
Decimal	64578
CIELab	87.01, -82.91, 70.36
CIELCh	87, 108.742, 139.681
Yxy	70.0171, 0.2920, 0.5711
Android (android.graphics.Color)	4278254658 (0xFF00FC42)
YUV	155.4480, -44.0979, -136.3279
Hunter-Lab	83.6745, -70.0726, 46.6809

Details

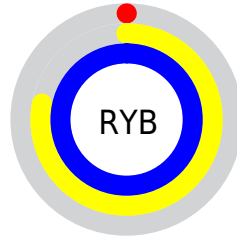
The HunterLab color **83.6745, -70.0726, 46.6809** is a dark color, and the websafe version is hex **00FF33**. The color can be described as dark saturated green. A complement of this color would be **49.2359, 91.5178, -24.0021**, and the grayscale version is **57.6364, -3.0753, 3.1315**.

A 20% lighter version of the original color is **87.6257, -58.0143, 39.8509**, and **62.1157, -53.2642, 37.3429** is the 20% darker color. If you saturate the color by 10%, you get **83.6762, -70.0740, 46.6817**, and if you desaturate by 10%, it is **83.9539, -68.5872, 44.5194**.

Distribution



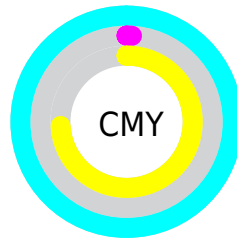
- Red (0%)
- Green (99%)
- Blue (26%)



- Red (0%)
- Yellow (78%)
- Blue (99%)



- Cyan (100%)
- Magenta (0%)
- Yellow (74%)
- Black (1%)





- Cyan (100%)
- Magenta (1%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 83.6745, -70.0726, 46.6809 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 83.6745, -70.0726, 46.6809 by changing the saturation by 10% instead.


 83.6745, -70.0726,
46.6809


 83.6745, -70.0726,
46.6809


214.6183,
-109.8404, 82.2947

 71.7917, -64.8548,
42.0618


 109.1939,
-79.8603, 55.4015


 60.5301, -59.3607,
37.2375


 122.7768,
-84.4921, 59.5445


 49.9280, -53.5305,
32.1849


 136.8803,
-88.9816, 63.5660

 40.0293, -47.2819,
26.9142

 151.4860,
-93.3472, 67.4808

 30.8881, -40.5023,
21.6217

 166.5771,
-97.6041, 71.3010

 22.5733, -33.0383,
15.8013

182.1386,

 15.1771, -26.5599,

-101.7651, 75.0376

10.6239

198.1565,
-105.8408, 78.6995

■ 8.8064, -15.4112,
6.1645

0.0000, NaN, NaN

■ 83.6745, -70.0726,
46.6809

■ 83.6745, -70.0726,
46.6809

■ 83.6762, -70.0740,
46.6817

■ 83.9539, -68.5872,
44.5194

■ 84.4367, -66.1508,
41.8226

■ 85.1731, -62.5783,
38.6140

■ 86.1886, -57.7969,
34.9208

■ 87.5005, -51.7873,
30.7825

■ 89.1188, -44.5745,
26.2494

■ 91.0476, -36.2194,
21.3793

■ 93.2858, -26.8101,
16.2336

■ 95.8282, -16.4524,
10.8740

Harmonies

Analogous

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



83.6762, -36.7815, 54.4713



83.6745, -70.0726, 46.6809



83.6762, -84.3503, 20.4505

Triad

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



83.6762, -70.0737, 46.6812



83.6762, -22.3459, -163.6837



83.6762, 118.1380, 31.5555

Complementary

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



83.6745, -70.0726, 46.6809



49.2359, 91.5178, -24.0021

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.



83.6762, 124.8678, -15.2398



83.6745, -70.0726, 46.6809



83.6762, 33.6385, -153.0929

Square

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



83.6762, -70.0737, 46.6812



83.6762, -61.8310, -111.9188



83.6762, 90.8390, -88.4447



83.6762, 74.2841, 50.3872

Rectangle

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



83.6745, -70.0726, 46.6809



83.6762, -84.4663, -13.9093



83.6762, 90.8390, -88.4447



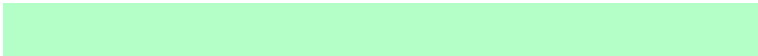
83.6762, 125.1782, 19.5823

Sweetspot

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



83.6762, -70.0737, 46.6812



92.2747, -36.7286, 21.6793



89.6901, -45.9065, 54.4628



42.2913, -18.7076, 11.0106

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.6762, -70.0737, 46.6812



84.8072, -71.0271, 47.3254



85.6143, -58.0926, 18.3951



44.0271, -7.2970, 4.8623



60.4083, -50.4684, 33.4418



18.4293, -15.0767, 9.5114

Inverse Universe

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



49.2359, 91.5178, -24.0021



49.8999, 92.7497, -24.3014



45.8861, 79.3628, 23.5867



41.7641, 2.9370, -0.2042



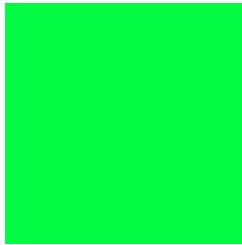
35.5706, 66.1790, -17.8146



10.9052, 20.4250, -6.5144

Previews

White Background



This preview shows how the HunterLab color 83.6745, -70.0726, 46.6809 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 83.6745, -70.0726, 46.6809 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

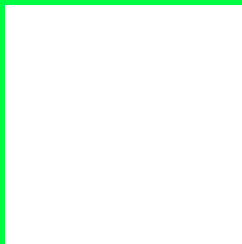
Any Text WCAG AAA ✓ Pass

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

HunterLab 83.6745, -70.0726, 46.6809 Background



This preview shows how black text looks on a background with the HunterLab color 83.6745, -70.0726, 46.6809.



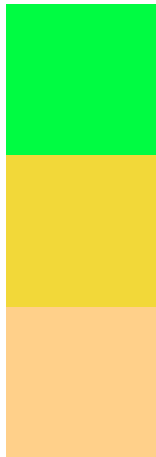
This preview shows how white text looks on a background with the HunterLab color 83.6745, -70.0726, 46.6809.

-70.0726, 46.6809.

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

83.6745, -70.0726, 46.6809

Protanopia

82.6344, -10.8722, 47.9512

Deuteranopia

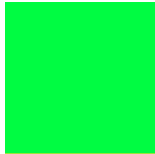
82.5874, 3.2722, 33.6853



Tritanopia

83.3759, -31.7834, -15.8591

Trichromacy



Original Color

83.6745, -70.0726, 46.6809



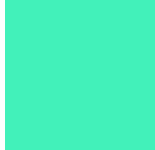
Protanomaly

79.5204, -44.5207, 45.0333



Deuteranomaly

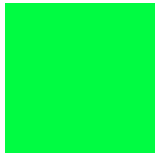
78.8432, -37.2722, 36.4028



Tritanomaly

82.2277, -51.4985, 16.2710

Monochromacy



Original Color

83.6745, -70.0726, 46.6809



Achromatopsia

57.2519, -3.0548, 3.1106



Achromatomaly

63.9606, -36.2055, 21.4079

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.6745, -70.0726, 46.6809 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, 66)` looks like.

```
.text, #text, p{  
    color:rgb(0, 252, 66)  
}
```

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, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 252, 66) }
```

Border

The CSS property to change the border of an element to HunterLab 83.6745, -70.0726, 46.6809 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, 66) }
```


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

```
.border{ border-color:rgb(0, 252, 66) }
```

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, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 252, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 252, 66);  
box-shadow:4px 4px 4px 4px rgb(0, 252, 66)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 83.6745, -70.0726, 46.6809 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, 66) }
```

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

```
.background{ background-color: rgb(0, 252,  
66) }
```

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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