

Converting Colors

HunterLab(83.5908, -66.8415,
50.0618)

Have a look what the booklet for
HunterLab(83.5908, -66.8415,
50.0618) contains.

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Color

**HunterLab(83.6282,
-66.8652, 50.0908)**

Conversions

Conversions Part 1

Format	Color
Hex	4CFA0D
RGB	76, 250, 13
RGB Percent	30%, 98%, 5%
CMY	0.7020, 0.0196, 0.9489
CMYK	0.70, 0.00, 0.95, 0.02
HSL	104°, 96%, 52%
HSV	104°, 95%, 98%
XYZ	37.2387, 69.9368, 11.9172
YIQ	170.9560, -27.6270, -110.5950

Conversions

Conversions Part 2

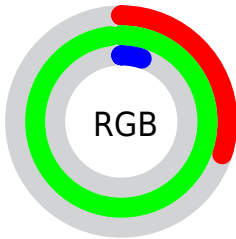
Format	Color
RYB	13, 250, 187
Decimal	5044749
CIELab	86.97, -77.95, 81.86
CIElCh	87, 113.037, 133.600
Yxy	69.9397, 0.3127, 0.5872
Android (android.graphics.Color)	4283234829 (0xFF4CFA0D)
YUV	170.9560, -77.8723, -83.2764
Hunter-Lab	83.6282, -66.8652, 50.0908

Details

The HunterLab color **83.6282, -66.8652, 50.0908** is a dark color, and the websafe version is hex **66FF00**. The color can be described as dark saturated green. A complement of this color would be **42.1429, 86.7890, -99.7593**, and the grayscale version is **64.1201, -3.4213, 3.4838**.

A 20% lighter version of the original color is **88.6804, -54.4713, 46.4525**, and **61.3997, -52.6503, 36.9125** is the 20% darker color. If you saturate the color by 10%, you get **83.3951, -67.8954, 50.1990**, and if you desaturate by 10%, it is **84.2097, -64.2953, 49.4711**.

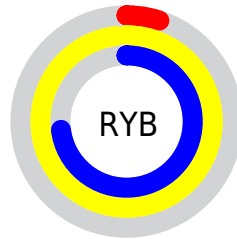
Distribution



Red (30%)

Green (98%)

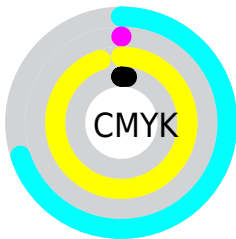
Blue (5%)



Red (5%)

Yellow (98%)

Blue (73%)

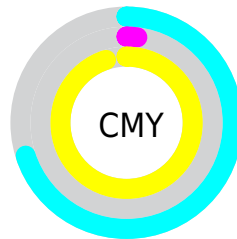


Cyan (70%)

Magenta (0%)

Yellow (95%)

Black (2%)



Cyan (70%)


Magenta (2%)


Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 83.6282, -66.8652, 50.0908 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 83.6282, -66.8652, 50.0908 by changing the saturation by 10% instead.


 83.6282, -66.8652,
50.0908


 83.6282, -66.8652,
50.0908


214.5549,
-104.5139, 90.8237

 71.7477, -61.9479,
44.7971


 109.1434,
-76.1035, 60.0984


 60.4886, -56.7749,
39.2856


 122.7242,
-80.4814, 64.8506


 49.8891, -51.2902,
33.5493


 136.8258,
-84.7289, 69.4588

 39.9931, -45.4161,
27.9952

 151.4296,
-88.8628, 73.9387

 30.8549, -39.0445,
21.5984

 166.5189,
-92.8975, 78.3039

 22.5434, -32.0234,
15.7804

 182.0786,

 15.1509, -26.5140,

-96.8445, 82.5664

10.6056

198.0948,
-100.7138, 86.7366

■ 8.7825, -15.3694,
6.1477

0.0000, NaN, NaN

■ 83.6282, -66.8652,
50.0908

■ 83.6282, -66.8652,
50.0908

■ 83.3951, -67.8954,
50.1990

■ 84.2097, -64.2953,
49.4711

■ 84.9853, -60.8064,
48.0191

■ 85.9710, -56.3502,
45.6165

■ 87.1763, -50.9121,
42.1945

■ 88.6066, -44.5050,
37.7223

■ 90.2644, -37.1649,
32.1997

■ 92.1491, -28.9448,
25.6512

■ 94.2578, -19.9107,
18.1211

■ 96.5856, -10.1364,
9.6674

Harmonies

Analogous

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



83.6300, -28.4631, 55.5519



83.6282, -66.8652, 50.0908



83.6300, -85.1256, 28.7479

Triad

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



83.6300, -66.8665, 50.0911



83.6300, -32.9263, -167.1120



83.6300, 129.1392, 25.3529

Complementary

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



83.6282, -66.8652, 50.0908



42.1429, 86.7890, -99.7593

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.



83.6300, 127.0116, -30.1118



83.6282, -66.8652, 50.0908



83.6300, 22.5830, -170.5119

Square

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



83.6300, -66.8665, 50.0911



83.6300, -69.3841, -102.3660



83.6300, 84.1953, -109.8563



83.6300, 89.4095, 49.0138

Rectangle

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



83.6282, -66.8652, 50.0908



83.6300, -87.4909, -2.1865



83.6300, 84.1953, -109.8563



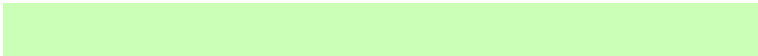
83.6300, 133.5609, 10.7730

Sweetspot

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



83.6300, -66.8665, 50.0911



93.5952, -32.4228, 28.5180



74.7092, 5.9944, 45.8374



42.9180, -16.6739, 14.5243

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.6300, -66.8665, 50.0911



85.2879, -69.4572, 51.3381



82.9947, -69.0899, 45.9874



44.1953, -6.8632, 6.3692



60.7849, -49.2406, 36.5933



18.6316, -14.4250, 11.2282

Inverse Universe

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



42.1429, 86.7890, -99.7593



42.2080, 89.3877, -105.3232



49.5384, 91.2657, -29.4649



41.5680, 2.4756, -1.9926



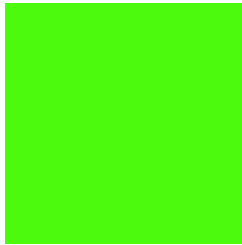
30.1862, 63.8229, -74.5088



9.4634, 19.7893, -21.6596

Previews

White Background



This preview shows how the HunterLab color 83.6282, -66.8652, 50.0908 looks on a white background.

Color Contrast Check

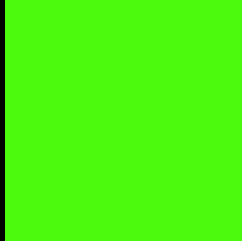
Large Text (above 18pt) WCAG AA × Fail

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 83.6282, -66.8652, 50.0908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

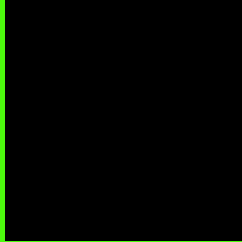
Any Text WCAG AA ✓ Pass

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 83.6282, -66.8652, 50.0908 Background



This preview shows how black text looks on a background with the HunterLab color 83.6282, -66.8652, 50.0908.



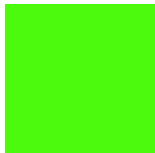
This preview shows how white text looks on a background with the HunterLab color 83.6282, -66.8652, 50.0908.

-66.8652, 50.0908.

Color Blindness Simulation

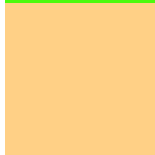
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



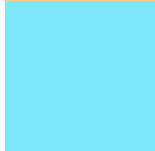
Original Color

83.6282, -66.8652, 50.0908



Deuteranopia

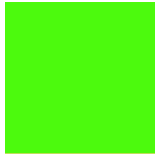
82.5185, 2.9011, 34.6929



Tritanopia

83.1348, -27.6663, -14.3467

Trichromacy



Original Color

83.6282, -66.8652, 50.0908



Deuteranomaly

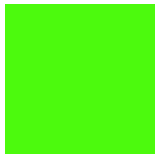
80.2874, -30.5219, 41.7953



Tritanomaly

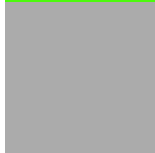
82.2201, -48.9002, 24.4807

Monochromacy



Original Color

83.6282, -66.8652, 50.0908



Achromatopsia

63.8154, -3.4050, 3.4672



Achromatomaly

69.1069, -33.5174, 28.3385

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.6282, -66.8652, 50.0908 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(76, 250, 13)` looks like.

```
.text, #text, p{  
    color:rgb(76, 250, 13)  
}
```

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(76, 250, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 250, 13) }
```

Border

The CSS property to change the border of an element to HunterLab 83.6282, -66.8652, 50.0908 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(76, 250, 13) }
```

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

```
.border{ border-color:rgb(76, 250, 13) }
```

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

Here you see how a box with a 4 pixel rgb(76, 250, 13) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 250, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 250, 13);  
box-shadow:4px 4px 4px 4px rgb(76, 250,  
13) }
```


Background

The CSS property to change the background color of an element to HunterLab 83.6282, -66.8652, 50.0908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 250, 13) }
```

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

```
.background{ background-color: rgb(76, 250,  
13) }
```

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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