

Converting Colors

HunterLab(85.8444, -66.3617,
46.1004)

Have a look what the booklet for
HunterLab(85.8444, -66.3617,
46.1004) contains.

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Color

**HunterLab(85.8377,
-66.4080, 46.0776)**

Conversions

Conversions Part 1

Format	Color
Hex	4CFF53
RGB	76, 255, 83
RGB Percent	30%, 100%, 33%
CMY	0.7020, 0.0000, 0.6745
CMYK	0.70, 0.00, 0.67, 0.00
HSL	122°, 100%, 65%
HSV	122°, 70%, 100%
XYZ	40.3019, 73.6811, 20.2814
YIQ	181.8710, -51.4720, -91.4400

Conversions

Conversions Part 2

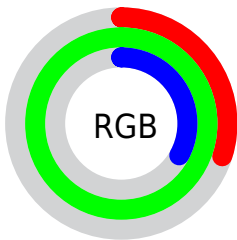
Format	Color
RYB	76, 248, 255
Decimal	5046099
CIELab	88.77, -75.97, 66.42
CIELCh	89, 100.907, 138.836
Yxy	73.6812, 0.3002, 0.5488
Android (android.graphics.Color)	4283236179 (0xFF4CFF53)
YUV	181.8710, -48.7434, -92.8489
Hunter-Lab	85.8377, -66.4080, 46.0776

Details

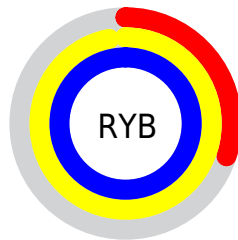
The HunterLab color **85.8377, -66.4080, 46.0776** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed green. A complement of this color would be **57.6247, 87.3907, -54.3314**, and the grayscale version is **68.5542, -3.6579, 3.7247**.

A 20% lighter version of the original color is **89.2281, -51.0708, 37.6015**, and **63.2132, -54.0554, 37.6791** is the 20% darker color. If you saturate the color by 10%, you get **85.1596, -69.6370, 48.4219**, and if you desaturate by 10%, it is **86.8262, -61.7695, 42.8261**.

Distribution



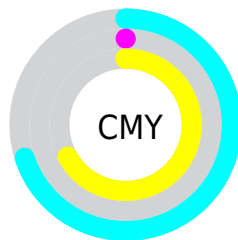
- Red (30%)
- Green (100%)
- Blue (33%)



- Red (30%)
- Yellow (97%)
- Blue (100%)



- Cyan (70%)
- Magenta (0%)
- Yellow (67%)
- Black (0%)





- Cyan (70%)
- Magenta (0%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 85.8377, -66.4080, 46.0776 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 85.8377, -66.4080, 46.0776 by changing the saturation by 10% instead.


 85.8377, -66.4080,
46.0776


 85.8377, -66.4080,
46.0776


217.5712,
-103.0305, 79.7866

 73.8465, -61.6486,
41.7252


 111.5543,
-75.3637, 54.3009


 62.4724, -56.6521,
37.1816


 125.2306,
-79.6163, 58.2142

 51.7509, -51.3651,
32.4190


 139.4241,
-83.7462, 62.0171

 41.7244, -45.7161,
27.4143

 154.1167,
-87.7696, 65.7233

 32.4449, -39.6057,
22.6566

169.2920,
-91.6994, 69.3442

 23.9782, -32.8926,
16.7847


184.9350,

 16.4115, -27.4071,


-95.5469, 72.8896


11.4881


201.0323,
-99.3213, 76.3680


 9.8683, -17.2696,
6.9078


0.0000, NaN, NaN


 85.8377, -66.4080,
46.0776


 85.8377, -66.4080,
46.0776


 85.1596, -69.6370,
48.4219


 86.8262, -61.7695,
42.8261

 84.7598, -71.5683,
49.9170

 88.1466, -55.6819,
38.6550

 84.5824, -72.4371,
50.6503

 89.8118, -48.1626,
33.5844

 91.8269, -39.2784,
27.6646

■ 94.1911, -29.1331,
20.9677

■ 96.8981, -17.8549,
13.5802

99.9373, -5.5849,
5.5948

100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



85.8377, -33.8840, 54.2850



85.8377, -66.4080, 46.0776



85.8377, -80.8975, 20.7776

Triad

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



85.8377, -66.4076, 46.0768



85.8377, -22.6794, -145.4858



85.8377, 108.7244, 29.5726

Complementary

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



85.8377, -66.4080, 46.0776



57.6247, 87.3907, -54.3314

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.



85.8377, 113.7183, -15.3219



85.8377, -66.4080, 46.0776



85.8377, 29.2623, -137.8744

Square

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



85.8377, -66.4076, 46.0768



85.8377, -59.8531, -98.7603



85.8377, 81.9632, -81.6808



85.8377, 69.5842, 49.3045

Rectangle

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



85.8377, -66.4080, 46.0776



85.8377, -81.3164, -10.8518



85.8377, 81.9632, -81.6808



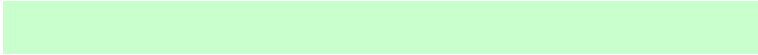
85.8377, 114.7431, 17.7484

Sweetspot

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



85.8377, -66.4076, 46.0768



93.9882, -29.9927, 21.5331



96.0144, -26.4674, 54.4780



43.1688, -15.2152, 10.8442

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.8377, -66.4076, 46.0768



84.9768, -70.5162, 49.0863



87.1864, -58.1205, 26.3468



44.9218, -7.8821, 6.0358



61.1450, -52.3361, 36.5526



19.0896, -16.2671, 11.2556

Inverse Universe

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



57.6247, 87.3907, -54.3314



54.3359, 97.9314, -60.4855



53.8059, 72.1413, -1.9943



42.7637, 3.4702, -1.4271



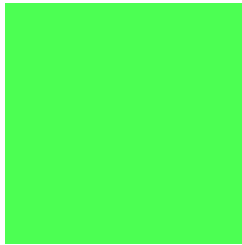
38.1572, 74.3889, -45.4480



11.9218, 23.2657, -14.3824

Previews

White Background



This preview shows how the HunterLab color 85.8377, -66.4080, 46.0776 looks on a white background.

Color Contrast Check

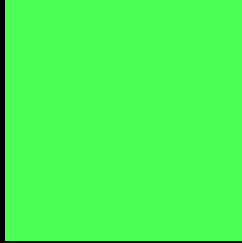
Large Text (above 18pt) WCAG AA × Fail

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 85.8377, -66.4080, 46.0776 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 85.8377, -66.4080, 46.0776 Background



This preview shows how black text looks on a background with the HunterLab color 85.8377, -66.4080, 46.0776.



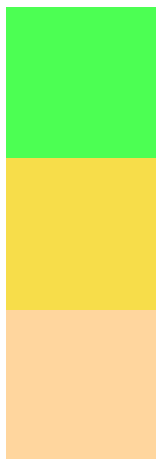
This preview shows how white text looks on a background with the HunterLab color 85.8377,

-66.4080, 46.0776.

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

85.8377, -66.4080, 46.0776

Protanopia

84.8419, -10.7717, 47.5632

Deuteranopia

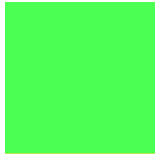
84.7477, 2.2003, 29.6290



Tritanopia

85.4045, -27.5537, -13.5357

Trichromacy



Original Color

85.8377, -66.4080, 46.0776



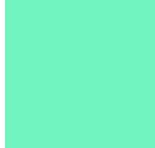
Protanomaly

83.1432, -37.1122, 45.5759



Deuteranomaly

82.8399, -30.0107, 35.1517



Tritanomaly

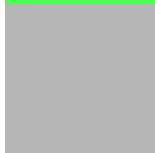
84.9026, -45.9725, 16.6867

Monochromacy



Original Color

85.8377, -66.4080, 46.0776



Achromatopsia

68.3947, -3.6494, 3.7160



Achromatomaly

73.1546, -32.0868, 22.4756

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.8377, -66.4080, 46.0776 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, 255, 83)` looks like.

```
.text, #text, p{  
  color:rgb(76, 255, 83)  
}
```

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, 255, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 255, 83) }
```

Border

The CSS property to change the border of an element to HunterLab 85.8377, -66.4080, 46.0776 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, 255, 83) }
```


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

```
.border{ border-color:rgb(76, 255, 83) }
```

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

Here you see how a box with a 4 pixel rgb(76, 255, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 255, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 255, 83);  
box-shadow:4px 4px 4px 4px rgb(76, 255,  
83) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.8377, -66.4080, 46.0776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 255, 83) }
```

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

```
.background{ background-color: rgb(76, 255,  
83) }
```

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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