

Converting Colors

HunterLab(85.4797, -67.6289,
43.7590)

Have a look what the booklet for
HunterLab(85.4797, -67.6289,
43.7590) contains.

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Color

**HunterLab(85.4800,
-67.6560, 43.8122)**

Conversions

Conversions Part 1

Format	Color
Hex	33FF60
RGB	51, 255, 96
RGB Percent	20%, 100%, 38%
CMY	0.8000, 0.0000, 0.6235
CMYK	0.80, 0.00, 0.62, 0.00
HSL	133°, 100%, 60%
HSV	133°, 80%, 100%
XYZ	39.2365, 73.0683, 23.1019
YIQ	175.8780, -70.5450, -92.6970

Conversions

Conversions Part 2

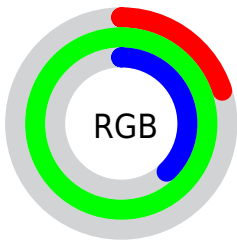
Format	Color
RYB	51, 218, 255
Decimal	3407712
CIELab	88.48, -78.05, 60.85
CIELCh	88, 98.967, 142.059
Yxy	73.0685, 0.2898, 0.5396
Android (android.graphics.Color)	4281597792 (0xFF33FF60)
YUV	175.8780, -39.3799, -109.5180
Hunter-Lab	85.4800, -67.6560, 43.8122

Details

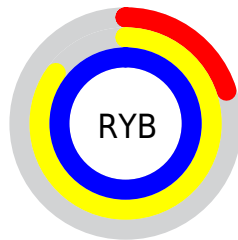
The HunterLab color **85.4800, -67.6560, 43.8122** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed spring green. A complement of this color would be **53.1796, 88.3782, -33.6597**, and the grayscale version is **66.0197, -3.5226, 3.5870**.

A 20% lighter version of the original color is **88.6636, -52.9143, 33.8433**, and **63.2978, -53.5245, 36.4273** is the 20% darker color. If you saturate the color by 10%, you get **85.0040, -70.0475, 46.3670**, and if you desaturate by 10%, it is **86.2179, -64.0807, 40.6680**.

Distribution



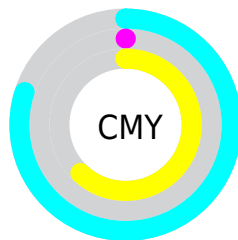
- Red (20%)
- Green (100%)
- Blue (38%)



- Red (20%)
- Yellow (85%)
- Blue (100%)



- Cyan (80%)
- Magenta (0%)
- Yellow (62%)
- Black (0%)





- Cyan (80%)
- Magenta (0%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 85.4800, -67.6560, 43.8122 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 85.4800, -67.6560, 43.8122 by changing the saturation by 10% instead.


 85.4800, -67.6560,
43.8122


 85.4800, -67.6560,
43.8122


217.0834,
-105.1886, 75.1040


 73.5064, -62.7656,
39.7882


 111.1640,
-76.8499, 51.4201


 62.1508, -57.6281,
35.5862


 124.8249,
-81.2118, 55.0450

 51.4488, -52.1883,
31.1765


 139.0037,
-85.4457, 58.5713

 41.4433, -46.3719,
26.5288

 153.6820,
-89.5683, 62.0117

 32.1864, -40.0761,
21.8227

168.8434,
-93.5933, 65.3768

 23.7446, -33.1565,
16.6212

184.4730,

 16.2058, -27.9282,

-97.5321, 68.6755

11.3441

200.5572,
-101.3945, 71.9157

■ 9.6948, -16.9659,
6.7864

0.0000, NaN, NaN

■ 85.4800, -67.6560,
43.8122

■ 85.4800, -67.6560,
43.8122

■ 85.0040, -70.0475,
46.3670

■ 86.2179, -64.0807,
40.6680

■ 84.7396, -71.4507,
48.3245

■ 87.2442, -59.2453,
36.9552

■ 84.7396, -71.4508,
48.3246

■ 88.5767, -53.1275,
32.7076

■ 90.2260, -45.7530,
27.9740

■ 92.1963, -37.1855,
22.8136

■ 94.4864, -27.5174,
17.2919

■ 97.0907, -16.8603,
11.4765

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.



85.4801, -37.5916, 53.3110



85.4800, -67.6560, 43.8122



85.4801, -80.1447, 16.2883

Triad

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



85.4801, -67.6556, 43.8115



85.4801, -17.3772, -143.3320



85.4801, 103.3191, 32.2481

Complementary

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



85.4800, -67.6560, 43.8122



53.1796, 88.3782, -33.6597

Split Complementary

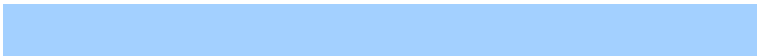
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.4801, 112.2341, -8.8898



85.4800, -67.6560, 43.8122



85.4801, 34.3877, -129.8463

Square

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



85.4801, -67.6556, 43.8115



85.4801, -55.7663, -102.6434



85.4801, 84.6609, -72.2854



85.4801, 62.5212, 49.7919

Rectangle

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



85.4800, -67.6560, 43.8122



85.4801, -79.4119, -16.6136



85.4801, 84.6609, -72.2854



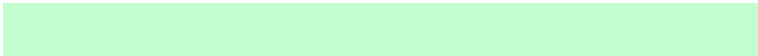
85.4801, 110.4690, 21.5573

Sweetspot

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



85.4801, -67.6556, 43.8115



93.5321, -31.5104, 19.5399



92.5086, -40.0113, 54.2955



42.8988, -16.1590, 9.9464

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.4801, -67.6556, 43.8115



84.8282, -70.9731, 47.6167



87.3294, -56.2965, 16.8816



44.9820, -7.5454, 5.1734



61.2693, -51.5564, 34.7142



19.1586, -15.8345, 10.2355

Inverse Universe

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



53.1796, 88.3782, -33.6597



50.6934, 94.0095, -31.7428



49.7269, 75.1332, 14.7733



42.6939, 3.0969, -0.4368



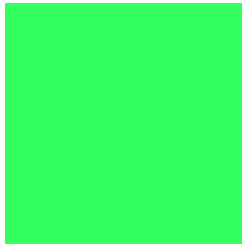
36.4426, 68.3684, -22.6476



11.4421, 21.5839, -8.0248

Previews

White Background



This preview shows how the HunterLab color 85.4800, -67.6560, 43.8122 looks on a white background.

Color Contrast Check

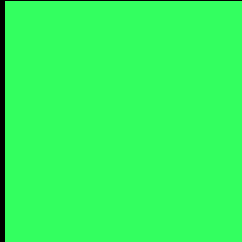
Large Text (above 18pt) WCAG AA × Fail

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 85.4800, -67.6560, 43.8122 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 85.4800, -67.6560, 43.8122 Background



This preview shows how black text looks on a background with the HunterLab color 85.4800, -67.6560, 43.8122.



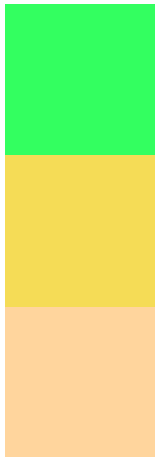
This preview shows how white text looks on a background with the HunterLab color 85.4800,

-67.6560, 43.8122.

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

85.4800, -67.6560, 43.8122

Protanopia

84.4220, -10.4539, 45.6543

Deuteranopia

84.4292, 2.6109, 29.6701



Tritanopia

84.9847, -29.1311, -14.1464

Trichromacy



Original Color

85.4800, -67.6560, 43.8122



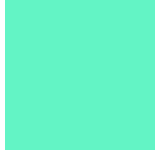
Protanomaly

82.4710, -39.4810, 43.1731



Deuteranomaly

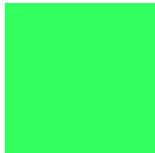
81.8901, -31.7640, 33.3085



Tritanomaly

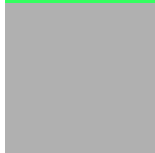
84.4898, -47.3477, 14.1650

Monochromacy



Original Color

85.4800, -67.6560, 43.8122



Achromatopsia

65.8903, -3.5157, 3.5799



Achromatomaly

71.1298, -32.9864, 20.2434

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.4800, -67.6560, 43.8122 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(51, 255, 96)` looks like.

```
.text, #text, p{  
    color:rgb(51, 255, 96)  
}
```

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(51, 255, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 255, 96) }
```

Border

The CSS property to change the border of an element to HunterLab 85.4800, -67.6560, 43.8122 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(51, 255, 96) }
```


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

```
.border{ border-color:rgb(51, 255, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 255, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 255, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 255, 96);  
box-shadow:4px 4px 4px 4px rgb(51, 255,  
96) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.4800, -67.6560, 43.8122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 255, 96) }
```

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

```
.background{ background-color: rgb(51, 255,  
96) }
```

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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