

Converting Colors

HunterLab(85.5089, -67.4768,
43.3909)

Have a look what the booklet for
HunterLab(85.5089, -67.4768,
43.3909) contains.

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Color

**HunterLab(85.5130,
-67.4512, 43.3273)**

Conversions

Conversions Part 1

Format	Color
Hex	33FF63
RGB	51, 255, 99
RGB Percent	20%, 100%, 39%
CMY	0.8000, 0.0000, 0.6117
CMYK	0.80, 0.00, 0.61, 0.00
HSL	134°, 100%, 60%
HSV	134°, 80%, 100%
XYZ	39.3774, 73.1247, 23.8435
YIQ	176.2200, -71.5080, -91.7640

Conversions

Conversions Part 2

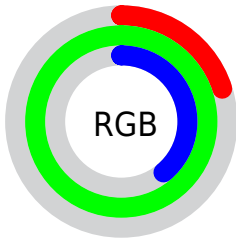
Format	Color
RYB	51, 216, 255
Decimal	3407715
CIELab	88.51, -77.72, 59.63
CIELCh	89, 97.962, 142.502
Yxy	73.1248, 0.2888, 0.5363
Android (android.graphics.Color)	4281597795 (0xFF33FF63)
YUV	176.2200, -38.0695, -109.8179
Hunter-Lab	85.5130, -67.4512, 43.3273

Details

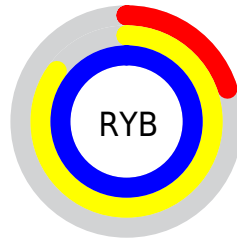
The HunterLab color **85.5130, -67.4512, 43.3273** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed spring green. A complement of this color would be **53.0403, 87.8528, -31.7642**, and the grayscale version is **66.1573, -3.5300, 3.5945**.

A 20% lighter version of the original color is **88.7008, -52.6899, 33.2996**, and **63.3243, -53.3582, 36.0351** is the 20% darker color. If you saturate the color by 10%, you get **85.0324, -69.8700, 45.9481**, and if you desaturate by 10%, it is **86.2538, -63.8593, 40.1413**.

Distribution



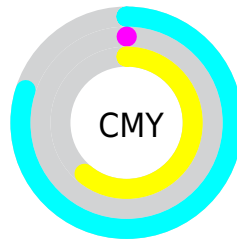
- Red (20%)
- Green (100%)
- Blue (39%)



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



- Cyan (80%)
- Magenta (0%)
- Yellow (61%)
- Black (0%)



- Cyan (80%)
- Magenta (0%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.5130, -67.4512, 43.3273 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 85.5130, -67.4512, 43.3273 by changing the saturation by 10% instead.

85.5130, -67.4512,
43.3273

85.5130, -67.4512,
43.3273

217.1284,
-104.8415, 74.0858

73.5378, -62.5811,
39.3767

111.2000,
-76.6079, 50.7984

62.1804, -57.4654,
35.2518

124.8623,
-80.9528, 54.3595

51.4767, -52.0492,
30.9224

139.0424,
-85.1705, 57.8247

41.4692, -46.2585,
26.3571

153.7220,
-89.2776, 61.2066

32.2102, -39.9911,
21.6774

168.8848,
-93.2876, 64.5154

23.7661, -33.1028,
16.6363

184.5156,

16.2247, -27.8423,

-97.2122, 67.7600

11.3573

200.6010,
-101.0607, 70.9480

■ 9.7108, -16.9939,
6.7975

0.0000, NaN, NaN

■ 85.5130, -67.4512,
43.3273

■ 85.5130, -67.4512,
43.3273

■ 85.0324, -69.8700,
45.9481

■ 86.2538, -63.8593,
40.1413

■ 84.7622, -71.3092,
47.9909

■ 87.2812, -59.0195,
36.4143

■ 84.7622, -71.3093,
47.9910

■ 88.6128, -52.9102,
32.1824

■ 90.2591, -45.5571,
27.4953

■ 92.2242, -37.0231,
22.4120

■ 94.5070, -27.3998,
16.9969

■ 97.1021, -16.7971,
11.3160

■ 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.



85.5131, -37.8609, 53.0527



85.5130, -67.4512, 43.3273



85.5131, -79.6309, 15.5903

Triad

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



85.5131, -67.4507, 43.3265



85.5131, -16.5715, -141.3806



85.5131, 101.6245, 32.4416

Complementary

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



85.5130, -67.4512, 43.3273



53.0403, 87.8528, -31.7642

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.



85.5131, 110.9634, -7.9480



85.5130, -67.4512, 43.3273



85.5131, 34.7562, -127.3084

Square

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



85.5131, -67.4507, 43.3265



85.5131, -54.8944, -102.0241



85.5131, 84.2291, -70.2966



85.5131, 61.0148, 49.7076

Rectangle

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



85.5130, -67.4512, 43.3273



85.5131, -78.7443, -17.2206



85.5131, 84.2291, -70.2966



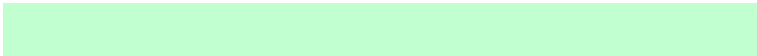
85.5131, 108.8486, 21.9421

Sweetspot

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



85.5131, -67.4507, 43.3265



93.5558, -31.3742, 19.1991



92.2400, -41.0490, 54.1059



42.9109, -16.0887, 9.7715

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.5131, -67.4507, 43.3265



84.8533, -70.8165, 47.2471



87.4198, -55.7484, 15.5811



44.9869, -7.5178, 5.1027



61.2864, -51.4493, 34.4617



19.1655, -15.7919, 10.1350

Inverse Universe

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



53.0403, 87.8528, -31.7642



50.5281, 93.4186, -29.4926



49.6549, 74.8505, 15.8200



42.6884, 3.0670, -0.3574



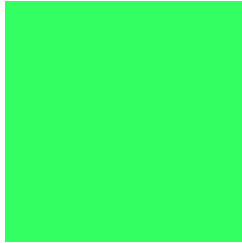
36.3206, 67.9350, -20.9869



11.4073, 21.4607, -7.5540

Previews

White Background



This preview shows how the HunterLab color 85.5130, -67.4512, 43.3273 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 85.5130, -67.4512, 43.3273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

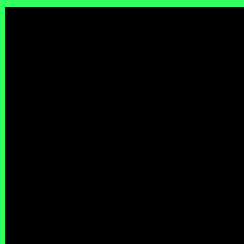
Any Text WCAG AA ✓ Pass

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 85.5130, -67.4512, 43.3273 Background



This preview shows how black text looks on a background with the HunterLab color 85.5130, -67.4512, 43.3273.



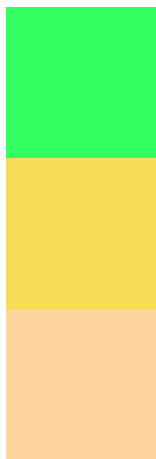
This preview shows how white text looks on a background with the HunterLab color 85.5130,

-67.4512, 43.3273.

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

85.5130, -67.4512, 43.3273

Protanopia

84.4513, -10.2917, 45.2230

Deuteranopia

84.4495, 2.7204, 29.3744



Tritanopia

85.0296, -28.9618, -14.0808

Trichromacy



Original Color

85.5130, -67.4512, 43.3273



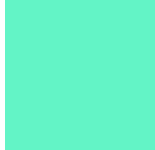
Protanomaly

82.5026, -39.2945, 42.7076



Deuteranomaly

81.9248, -31.5622, 32.8011



Tritanomaly

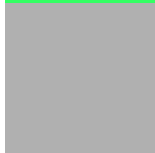
84.5170, -47.1849, 13.7737

Monochromacy



Original Color

85.5130, -67.4512, 43.3273



Achromatopsia

65.8903, -3.5157, 3.5799



Achromatomaly

71.1520, -32.8559, 19.9222

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.5130, -67.4512, 43.3273 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, 99)` looks like.

```
.text, #text, p{  
    color:rgb(51, 255, 99)  
}
```

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, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 255, 99) }
```

Border

The CSS property to change the border of an element to HunterLab 85.5130, -67.4512, 43.3273 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, 99) }
```


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

```
.border{ border-color:rgb(51, 255, 99) }
```

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, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 255, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 255, 99);  
box-shadow:4px 4px 4px 4px rgb(51, 255,  
99) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.5130, -67.4512, 43.3273 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, 99) }
```

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

```
.background{ background-color: rgb(51, 255,  
99) }
```

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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