

Converting Colors

HunterLab(85.5067, -67.4899,
43.4189)

Have a look what the booklet for
HunterLab(85.5067, -67.4899,
43.4189) contains.

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Color

**HunterLab(85.5018,
-67.5203, 43.4909)**

Conversions

Conversions Part 1

Format	Color
Hex	33FF62
RGB	51, 255, 98
RGB Percent	20%, 100%, 38%
CMY	0.8000, 0.0000, 0.6157
CMYK	0.80, 0.00, 0.62, 0.00
HSL	134°, 100%, 60%
HSV	134°, 80%, 100%
XYZ	39.3298, 73.1056, 23.5932
YIQ	176.1060, -71.1870, -92.0750

Conversions

Conversions Part 2

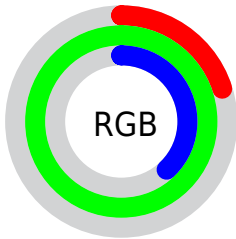
Format	Color
RYB	51, 217, 255
Decimal	3407714
CIELab	88.50, -77.83, 60.04
CIELCh	88, 98.299, 142.353
Yxy	73.1058, 0.2891, 0.5374
Android (android.graphics.Color)	4281597794 (0xFF33FF62)
YUV	176.1060, -38.5063, -109.7180
Hunter-Lab	85.5018, -67.5203, 43.4909

Details

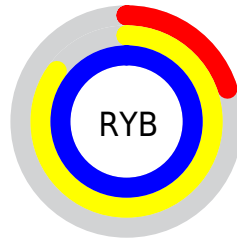
The HunterLab color **85.5018, -67.5203, 43.4909** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed spring green. A complement of this color would be **53.0865, 88.0272, -32.3930**, and the grayscale version is **66.1114, -3.5275, 3.5920**.

A 20% lighter version of the original color is **88.6821, -52.8026, 33.5725**, and **63.3133, -53.4273, 36.1981** is the 20% darker color. If you saturate the color by 10%, you get **85.0227, -69.9302, 46.0901**, and if you desaturate by 10%, it is **86.2417, -63.9339, 40.3185**.

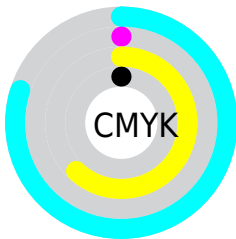
Distribution



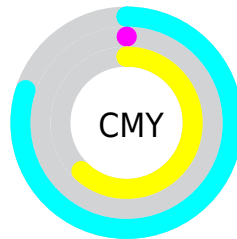
- Red (20%)
- Green (100%)
- Blue (38%)



- 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 85.5018, -67.5203, 43.4909 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 85.5018, -67.5203, 43.4909 by changing the saturation by 10% instead.

85.5018, -67.5203,
43.4909

85.5018, -67.5203,
43.4909

217.1132,
-104.9587, 74.4280

73.5272, -62.6434,
39.5157

111.1878,
-76.6896, 51.0078

62.1704, -57.5204,
35.3650

124.8497,
-81.0402, 54.5903

51.4673, -52.0962,
31.0086

139.0293,
-85.2634, 58.0760

41.4604, -46.2968,
26.4156

153.7085,
-89.3757, 61.4775

32.2022, -40.0199,
21.7260

168.8708,
-93.3908, 64.8051

23.7589, -33.1210,
16.6312

184.5012,

16.2183, -27.8712,

-97.3202, 68.0679

11.3528

200.5862,
-101.1734, 71.2733

■ 9.7054, -16.9844,
6.7938

0.0000, NaN, NaN

■ 85.5018, -67.5203,
43.4909

■ 85.5018, -67.5203,
43.4909

■ 85.0227, -69.9302,
46.0901

■ 86.2417, -63.9339,
40.3185

■ 84.7545, -71.3575,
48.1048

■ 87.2687, -59.0953,
36.5959

■ 84.7545, -71.3576,
48.1049

■ 88.6007, -52.9832,
32.3584

■ 90.2480, -45.6228,
27.6554

■ 92.2148, -37.0776,
22.5462

■ 94.5001, -27.4393,
17.0955

■ 97.0982, -16.8184,
11.3696

■ 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.



85.5019, -37.7712, 53.1402



85.5018, -67.5203, 43.4909



85.5019, -79.8038, 15.8248

Triad

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



85.5019, -67.5199, 43.4902



85.5019, -16.8415, -142.0345



85.5019, 102.1920, 32.3772

Complementary

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



85.5018, -67.5203, 43.4909



53.0865, 88.0272, -32.3930

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.



85.5019, 111.3897, -8.2623



85.5018, -67.5203, 43.4909



85.5019, 34.6334, -128.1571

Square

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



85.5019, -67.5199, 43.4902



85.5019, -55.1872, -102.2329



85.5019, 84.3747, -70.9609



85.5019, 61.5189, 49.7361

Rectangle

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



85.5018, -67.5203, 43.4909



85.5019, -78.9688, -17.0175



85.5019, 84.3747, -70.9609



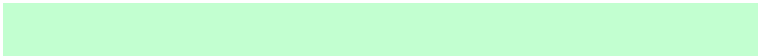
85.5019, 109.3916, 21.8138

Sweetspot

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



85.5019, -67.5199, 43.4902



93.5479, -31.4196, 19.3129



92.5086, -40.0113, 54.2955



42.9069, -16.1122, 9.8299

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.5019, -67.5199, 43.4902



84.8448, -70.8698, 47.3728



87.3294, -56.2965, 16.8816



44.9852, -7.5270, 5.1263



61.2806, -51.4858, 34.5477



19.1632, -15.8063, 10.1690

Inverse Universe

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



53.0865, 88.0272, -32.3930



50.5828, 93.6143, -30.2381



49.7269, 75.1331, 14.7733



42.6902, 3.0769, -0.3838



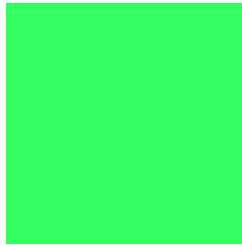
36.3609, 68.0785, -21.5370



11.4188, 21.5015, -7.7101

Previews

White Background



This preview shows how the HunterLab color 85.5018, -67.5203, 43.4909 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 85.5018, -67.5203, 43.4909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

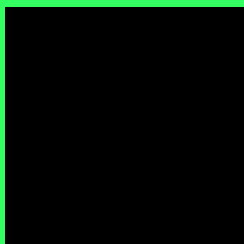
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

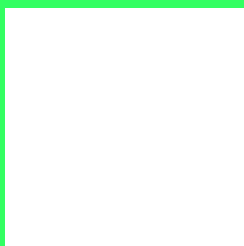
Any Text WCAG AAA ✓ Pass

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

HunterLab 85.5018, -67.5203, 43.4909 Background



This preview shows how black text looks on a background with the HunterLab color 85.5018, -67.5203, 43.4909.



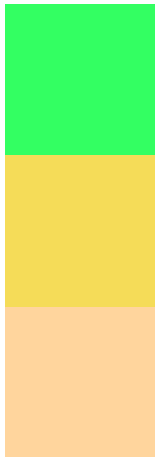
This preview shows how white text looks on a background with the HunterLab color 85.5018, -67.5203, 43.4909.

-67.5203, 43.4909.

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

85.5018, -67.5203, 43.4909

Protanopia

84.4414, -10.3465, 45.3687

Deuteranopia

84.4292, 2.6109, 29.6701



Tritanopia

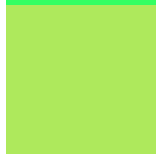
85.0296, -28.9618, -14.0808

Trichromacy



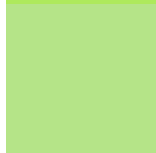
Original Color

85.5018, -67.5203, 43.4909



Protanomaly

82.4919, -39.3575, 42.8648



Deuteranomaly

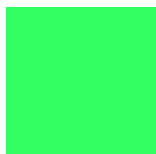
81.9073, -31.6636, 33.0559



Tritanomaly

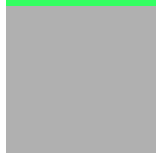
84.5170, -47.1849, 13.7737

Monochromacy



Original Color

85.5018, -67.5203, 43.4909



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 85.5018, -67.5203, 43.4909 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, 98)` looks like.

```
.text, #text, p{  
    color:rgb(51, 255, 98)  
}
```

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, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 255, 98) }
```

Border

The CSS property to change the border of an element to HunterLab 85.5018, -67.5203, 43.4909 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, 98) }
```


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

```
.border{ border-color:rgb(51, 255, 98) }
```

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, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 255, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 255, 98);  
box-shadow:4px 4px 4px 4px rgb(51, 255,  
98) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.5018, -67.5203, 43.4909 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, 98) }
```

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

```
.background{ background-color: rgb(51, 255,  
98) }
```

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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