

Converting Colors

HunterLab(85.5810, -67.9261,
49.3710)

Have a look what the booklet for
HunterLab(85.5810, -67.9261,
49.3710) contains.

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Color

**HunterLab(85.5891,
-67.9040, 49.3812)**

Conversions

Conversions Part 1

Format	Color
Hex	4BFF33
RGB	75, 255, 51
RGB Percent	29%, 100%, 20%
CMY	0.7059, 0.0000, 0.8000
CMYK	0.71, 0.00, 0.80, 0.00
HSL	113°, 100%, 60%
HSV	113°, 80%, 100%
XYZ	39.2592, 73.2549, 15.2025
YIQ	177.9240, -41.7960, -101.6040

Conversions

Conversions Part 2

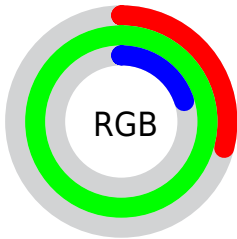
Format	Color
RYB	51, 255, 231
Decimal	4980531
CIELab	88.57, -78.36, 76.53
CIELCh	89, 109.535, 135.676
Yxy	73.2550, 0.3074, 0.5736
Android (android.graphics.Color)	4283170611 (0xFF4BFF33)
YUV	177.9240, -62.5735, -90.2643
Hunter-Lab	85.5891, -67.9040, 49.3812

Details

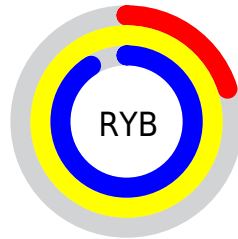
The HunterLab color **85.5891, -67.9040, 49.3812** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **51.5550, 90.4863, -75.4501**, and the grayscale version is **66.9574, -3.5727, 3.6379**.

A 20% lighter version of the original color is **88.8470, -53.3615, 43.1894**, and **63.1922, -54.1873, 37.9901** is the 20% darker color. If you saturate the color by 10%, you get **85.0504, -70.3805, 50.5141**, and if you desaturate by 10%, it is **86.3817, -64.2430, 47.3462**.

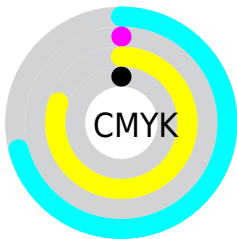
Distribution



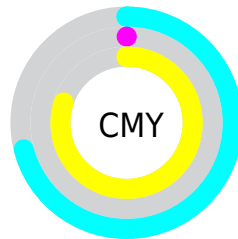
- Red (29%)
- Green (100%)
- Blue (20%)



- Red (20%)
- Yellow (100%)
- Blue (91%)



- Cyan (71%)
- Magenta (0%)
- Yellow (80%)
- Black (0%)





- Cyan (71%)
- Magenta (0%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 85.5891, -67.9040, 49.3812 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 85.5891, -67.9040, 49.3812 by changing the saturation by 10% instead.


 85.5891, -67.9040,
49.3812


 85.5891, -67.9040,
49.3812


217.2321,
-105.5597, 87.5742


 73.6101, -62.9970,
44.4276


 111.2830,
-77.1290, 58.7406

 62.2488, -57.8420,
39.2642


 124.9486,
-81.5055, 63.1885

 51.5409, -52.3837,
33.8728


 139.1319,
-85.7535, 67.5050

 41.5289, -46.5477,
28.3509

 153.8145,
-89.8896, 71.7051

 32.2652, -40.2314,
22.5856

 168.9802,
-93.9276, 75.8017

 23.8158, -33.2904,
16.6710

184.6139,

 16.2685, -28.0204,

-97.8791, 79.8058

11.3879

200.7020,
-101.7537, 83.7271

■ 9.7476, -17.0583,
6.8233

0.0000, NaN, NaN

■ 85.5891, -67.9040,
49.3812

■ 85.5891, -67.9040,
49.3812

■ 85.0504, -70.3805,
50.5141

■ 86.3817, -64.2430,
47.3462


■ 84.7325, -71.8209,
50.9542


■ 87.4487, -59.3344,
44.3222


■ 84.7324, -71.8214,
50.9544

■ 88.8037, -53.1633,
40.2675

■ 90.4544, -45.7568,
35.1798

 92.4032, -37.1760,
29.0892

 94.6482, -27.5076,
22.0505

 97.1836, -16.8551,
14.1362

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.



85.5891, -31.3394, 55.9616



85.5891, -67.9040, 49.3812



85.5891, -84.8887, 26.0162

Triad

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



85.5891, -67.9036, 49.3804



85.5891, -29.2190, -161.6259



85.5891, 123.0641, 27.6476

Complementary

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



85.5891, -67.9040, 49.3812



51.5550, 90.4863, -75.4501

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.



85.5891, 124.0505, -24.1879



85.5891, -67.9040, 49.3812



85.5891, 25.9533, -160.0762

Square

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



85.5891, -67.9036, 49.3804



85.5891, -66.6913, -103.2377



85.5891, 85.0952, -99.8013



85.5891, 82.6679, 49.9276

Rectangle

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



85.5891, -67.9040, 49.3812



85.5891, -86.4954, -5.9127



85.5891, 85.0952, -99.8013



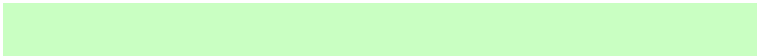
85.5891, 128.3030, 14.0332

Sweetspot

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



85.5891, -67.9036, 49.3804



93.7140, -31.5030, 24.9783



87.6793, -11.8948, 51.7007



42.9901, -16.1556, 12.7050

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.5891, -67.9036, 49.3804



84.8372, -71.3478, 50.8225



85.8635, -65.2782, 38.1812



45.0227, -7.5449, 6.3503



61.2756, -51.8047, 36.8508



19.2017, -15.8179, 11.5551

Inverse Universe

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



51.5550, 90.4863, -75.4501



48.6254, 96.9499, -83.6973



51.8962, 83.5098, -16.0163



42.6445, 3.1016, -1.8225



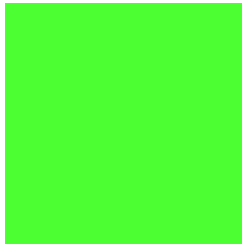
34.9012, 70.5784, -61.2378



11.0244, 22.2115, -18.7040

Previews

White Background



This preview shows how the HunterLab color 85.5891, -67.9040, 49.3812 looks on a white background.

Color Contrast Check

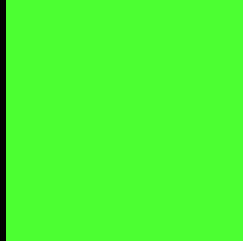
Large Text (above 18pt) WCAG AA × Fail

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 85.5891, -67.9040, 49.3812 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 85.5891, -67.9040, 49.3812 Background



This preview shows how black text looks on a background with the HunterLab color 85.5891, -67.9040, 49.3812.



This preview shows how white text looks on a background with the HunterLab color 85.5891,

-67.9040, 49.3812.

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

85.5891, -67.9040, 49.3812

Protanopia

84.7564, -11.4615, 50.4935

Deuteranopia

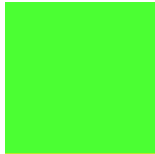
84.6677, 1.7682, 30.7944



Tritanopia

85.3082, -27.9147, -13.6754

Trichromacy



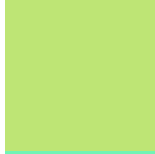
Original Color

85.5891, -67.9040, 49.3812



Protanomaly

82.9347, -38.3384, 48.6579



Deuteranomaly

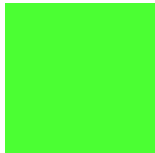
82.6257, -31.2517, 38.2900



Tritanomaly

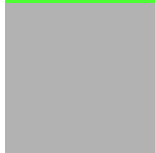
84.5472, -47.9410, 20.6018

Monochromacy



Original Color

85.5891, -67.9040, 49.3812



Achromatopsia

66.7234, -3.5602, 3.6252



Achromatomaly

71.7435, -32.9449, 25.5907

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.5891, -67.9040, 49.3812 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(75, 255, 51)` looks like.

```
.text, #text, p{  
    color:rgb(75, 255, 51)  
}
```

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(75, 255, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 255, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 85.5891, -67.9040, 49.3812 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(75, 255, 51) }
```


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

```
.border{ border-color:rgb(75, 255, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 255, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 255, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 255, 51);  
box-shadow:4px 4px 4px 4px rgb(75, 255,  
51) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.5891, -67.9040, 49.3812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 255, 51) }
```

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

```
.background{ background-color: rgb(75, 255,  
51) }
```

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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