

Converting Colors

HunterLab(83.6019, -67.2782,
50.2184)

Have a look what the booklet for
HunterLab(83.6019, -67.2782,
50.2184) contains.

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Color

**HunterLab(83.5469,
-67.2280, 50.1820)**

Conversions

Conversions Part 1

Format	Color
Hex	49FA06
RGB	73, 250, 6
RGB Percent	29%, 98%, 2%
CMY	0.7137, 0.0196, 0.9763
CMYK	0.71, 0.00, 0.98, 0.02
HSL	104°, 96%, 50%
HSV	104°, 98%, 98%
XYZ	36.9661, 69.8008, 11.6969
YIQ	169.2610, -27.1680, -113.4080

Conversions

Conversions Part 2

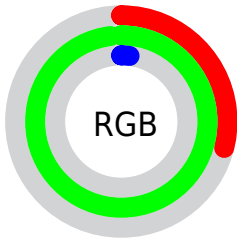
Format	Color
RYB	6, 250, 183
Decimal	4848134
CIELab	86.90, -78.56, 82.34
CIELCh	87, 113.802, 133.656
Yxy	69.8038, 0.3120, 0.5892
Android (android.graphics.Color)	4283038214 (0xFF49FA06)
YUV	169.2610, -80.4877, -84.4209
Hunter-Lab	83.5469, -67.2280, 50.1820

Details

The HunterLab color **83.5469, -67.2280, 50.1820** is a dark color, and the websafe version is hex **33FF00**. The color can be described as dark saturated green. A complement of this color would be **41.3593, 86.7031, -102.6545**, and the grayscale version is **63.4293, -3.3844, 3.4462**.

A 20% lighter version of the original color is **88.5558, -55.0155, 46.6710**, and **61.3997, -52.6503, 36.9125** is the 20% darker color. If you saturate the color by 10%, you get **83.4418, -67.6972, 50.2313**, and if you desaturate by 10%, it is **84.0859, -64.8633, 49.7619**.

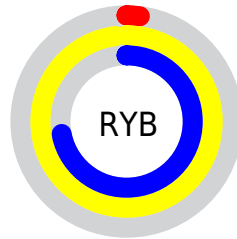
Distribution



Red (29%)

Green (98%)

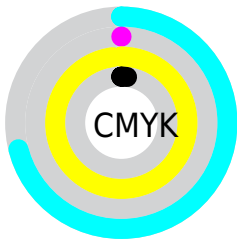
Blue (2%)



Red (2%)

Yellow (98%)

Blue (72%)

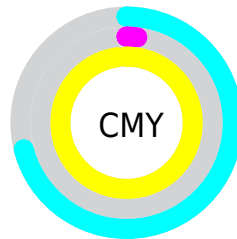


Cyan (71%)

Magenta (0%)

Yellow (98%)

Black (2%)



Cyan (71%)


Magenta (2%)


Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 83.5469, -67.2280, 50.1820 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 83.5469, -67.2280, 50.1820 by changing the saturation by 10% instead.


 83.5469, -67.2280,
50.1820


 83.5469, -67.2280,
50.1820


214.4436,
-105.1429, 91.1353

 71.6705, -62.2724,
44.8595


 109.0545,
-76.5359, 60.2450

 60.4156, -57.0581,
39.3189


 122.6318,
-80.9459, 65.0234


 49.8206, -51.5287,
33.5545


 136.7300,
-85.2237, 69.6569

 39.9296, -45.6057,
27.9507

 151.3305,
-89.3867, 74.1612

 30.7966, -39.1800,
21.5576

 166.4167,
-93.4492, 78.5499

 22.4909, -32.0990,
15.7436

 181.9732,

 15.1049, -26.4335,

-97.4229, 82.8350

10.5734

197.9865,
-101.3180, 87.0271

■ 8.7403, -15.2956,
6.1182

0.0000, NaN, NaN

■ 83.5469, -67.2280,
50.1820

■ 83.5469, -67.2280,
50.1820

■ 83.4418, -67.6972,
50.2313

■ 84.0859, -64.8633,
49.7619

■ 84.8108, -61.6164,
48.5624

■ 85.7396, -57.4251,
46.4386

■ 86.8825, -52.2666,
43.3091

■ 88.2461, -46.1468,
39.1325

■ 89.8333, -39.0949,
33.9000

■ 91.6445, -31.1587,
27.6288

■ 93.6773, -22.3996,
20.3571

■ 95.9276, -12.8878,
12.1385

Harmonies

Analogous

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



83.5487, -28.6929, 55.6012



83.5469, -67.2280, 50.1820



83.5487, -85.4990, 28.8003

Triad

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



83.5487, -67.2293, 50.1823



83.5487, -33.0025, -168.9318



83.5487, 130.1924, 25.5284

Complementary

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



83.5469, -67.2280, 50.1820



41.3593, 86.7031, -102.6545

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.



83.5487, 128.1298, -30.2490



83.5469, -67.2280, 50.1820



83.5487, 22.8888, -172.2368

Square

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



83.5487, -67.2293, 50.1823



83.5487, -69.6548, -103.5121



83.5487, 84.9862, -110.7857



83.5487, 90.0376, 49.1537

Rectangle

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



83.5469, -67.2280, 50.1820



83.5487, -87.8472, -2.3448



83.5487, 84.9862, -110.7857



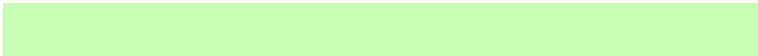
83.5487, 134.6841, 10.8990

Sweetspot

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



83.5487, -67.2293, 50.1823



93.4473, -33.0941, 29.2486



73.0324, 8.9631, 45.0184



42.8606, -16.9392, 14.8284

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.5487, -67.2293, 50.1823



85.3357, -69.2549, 51.3710



82.9022, -69.6127, 46.9161



44.2037, -6.8330, 6.3789



60.8201, -49.0914, 36.6176



18.6446, -14.3706, 11.2371

Inverse Universe

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



41.3593, 86.7031, -102.6545



41.8754, 88.9540, -106.5914



49.4912, 92.2331, -31.2754



41.5585, 2.4434, -2.0054



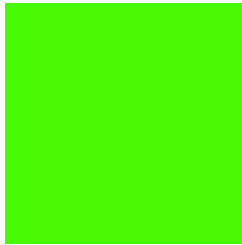
29.9527, 63.5174, -75.3929



9.3995, 19.7043, -21.8897

Previews

White Background



This preview shows how the HunterLab color 83.5469, -67.2280, 50.1820 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 83.5469, -67.2280, 50.1820 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 83.5469, -67.2280, 50.1820 Background



This preview shows how black text looks on a background with the HunterLab color 83.5469, -67.2280, 50.1820.



This preview shows how white text looks on a background with the HunterLab color 83.5469,

-67.2280, 50.1820.

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

83.5469, -67.2280, 50.1820

Protanopia

82.5630, -11.4841, 50.6739

Deuteranopia

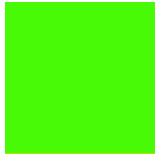
82.5016, 2.8103, 34.9392



Tritanopia

83.0442, -28.0069, -14.4795

Trichromacy



Original Color

83.5469, -67.2280, 50.1820



Protanomaly

80.8177, -38.0419, 49.0913



Deuteranomaly

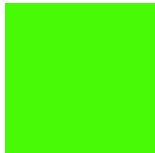
80.1762, -31.0077, 42.1935



Tritanomaly

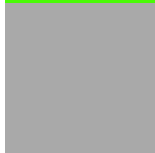
82.0639, -49.6161, 25.0025

Monochromacy



Original Color

83.5469, -67.2280, 50.1820



Achromatopsia

62.9885, -3.3609, 3.4223



Achromatomaly

68.2512, -33.5517, 28.6537

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.5469, -67.2280, 50.1820 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(73, 250, 6)` looks like.

```
.text, #text, p{  
    color:rgb(73, 250, 6)  
}
```

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(73, 250, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 250, 6) }
```

Border

The CSS property to change the border of an element to HunterLab 83.5469, -67.2280, 50.1820 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(73, 250, 6) }
```


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

```
.border{ border-color:rgb(73, 250, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 250, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 250, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 250, 6);  
box-shadow:4px 4px 4px 4px rgb(73, 250, 6)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 83.5469, -67.2280, 50.1820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 250, 6) }
```

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

```
.background{ background-color: rgb(73, 250,  
6) }
```

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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