

Converting Colors

HunterLab(84.2453, -66.8551,
48.9242)

Have a look what the booklet for
HunterLab(84.2453, -66.8551,
48.9242) contains.

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Color

**HunterLab(84.0758,
-66.6849, 48.8169)**

Conversions

Conversions Part 1

Format	Color
Hex	4BFB2E
RGB	75, 251, 46
RGB Percent	29%, 98%, 18%
CMY	0.7059, 0.0157, 0.8196
CMYK	0.70, 0.00, 0.82, 0.02
HSL	112°, 96%, 58%
HSV	112°, 82%, 98%
XYZ	37.8919, 70.6874, 14.2317
YIQ	175.0060, -39.0910, -101.0670

Conversions

Conversions Part 2

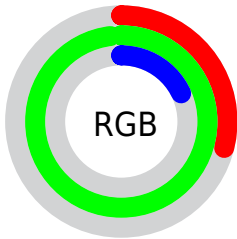
Format	Color
RYB	46, 251, 222
Decimal	4979502
CIELab	87.33, -77.41, 76.66
CIELCh	87, 108.944, 135.278
Yxy	70.6904, 0.3085, 0.5756
Android (android.graphics.Color)	4283169582 (0xFF4BFB2E)
YUV	175.0060, -63.6000, -87.7053
Hunter-Lab	84.0758, -66.6849, 48.8169

Details

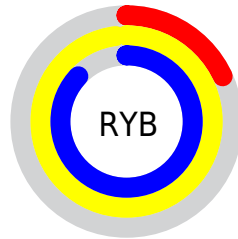
The HunterLab color **84.0758, -66.6849, 48.8169** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **49.4492, 88.6087, -77.4126**, and the grayscale version is **65.7463, -3.5081, 3.5721**.

A 20% lighter version of the original color is **88.7969, -53.6638, 43.9269**, and **61.7575, -52.9571, 37.1276** is the 20% darker color. If you saturate the color by 10%, you get **83.5584, -69.0559, 49.7790**, and if you desaturate by 10%, it is **84.8353, -63.2014, 46.9894**.

Distribution



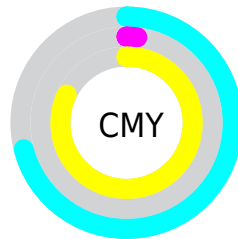
- Red (29%)
- Green (98%)
- Blue (18%)



- Red (18%)
- Yellow (98%)
- Blue (87%)



- Cyan (70%)
- Magenta (0%)
- Yellow (82%)
- Black (2%)



- Cyan (71%)
- Magenta (2%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 84.0758, -66.6849, 48.8169 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 84.0758, -66.6849, 48.8169 by changing the saturation by 10% instead.

■ 84.0758, -66.6849,
48.8169

■ 84.0758, -66.6849,
48.8169

215.1674,
-104.0637, 87.1971

■ 72.1731, -61.8089,
43.8321

■ 109.6324,
-75.8499, 58.2333

■ 60.8904, -56.6813,
38.6338

■ 123.2327,
-80.1950, 62.7053

■ 50.2660, -51.2471,
33.2060

■ 137.3531,
-84.4115, 67.0437

■ 40.3434, -45.4300,
27.7316

■ 151.9750,
-88.5163, 71.2637

■ 31.1762, -39.1240,
21.8234

■ 167.0819,
-92.5232, 75.3784

■ 22.8329, -32.1792,
15.9830

182.6585,

■ 15.4046, -26.9581,

-96.4438, 79.3991

10.7832

198.6913,
-100.2879, 83.3358

■ 9.0109, -15.7690,
6.3076

0.0000, NaN, NaN

■ 84.0758, -66.6849,
48.8169

■ 84.0758, -66.6849,
48.8169

■ 83.5584, -69.0559,
49.7790


■ 84.8353, -63.2014,
46.9894


■ 83.2846, -70.2869,
50.0891


■ 85.8512, -58.5380,
44.1984


■ 87.1382, -52.6787,
40.3954


■ 88.7038, -45.6448,
35.5704

 90.5507, -37.4900,
29.7453

 92.6775, -28.2917,
22.9670

 95.0796, -18.1443,
15.3011

 97.7493, -7.1509,
6.8246

 98.7305, -3.2132,
3.9669

Harmonies

Analogous

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



84.0776, -30.3329, 55.1100



84.0758, -66.6849, 48.8169



84.0776, -83.6651, 26.1513

Triad

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



84.0776, -66.6862, 48.8172



84.0776, -29.4707, -159.9066



84.0776, 122.1783, 26.8136

Complementary

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



84.0758, -66.6849, 48.8169



49.4492, 88.6087, -77.4126

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.



84.0776, 122.5807, -24.8620



84.0758, -66.6849, 48.8169



84.0776, 24.9070, -159.2729

Square

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



84.0776, -66.6862, 48.8172



84.0776, -66.1941, -101.3621



84.0776, 83.5555, -99.9581



84.0776, 82.5658, 49.0377

Rectangle

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



84.0758, -66.6849, 48.8169



84.0776, -85.3931, -5.1084



84.0776, 83.5555, -99.9581



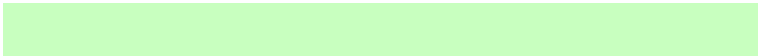
84.0776, 127.1821, 13.2310

Sweetspot

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



84.0776, -66.6862, 48.8172



93.5994, -32.0556, 25.8003



84.8693, -9.8363, 50.3174



42.9516, -16.3527, 13.0578

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



84.0776, -66.6862, 48.8172



84.8476, -71.3165, 50.9318



84.1906, -64.8974, 38.7243



44.0760, -7.2910, 6.2321



60.4111, -50.8294, 36.3352



18.4790, -15.0690, 11.1229

Inverse Universe

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



49.4492, 88.6087, -77.4126



47.4273, 95.8435, -87.3691



50.7247, 83.3999, -17.2921



41.7048, 2.9350, -1.8097



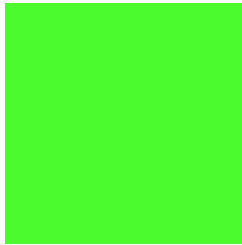
33.6810, 68.5493, -62.4957



10.4101, 21.0848, -18.5220

Previews

White Background



This preview shows how the HunterLab color 84.0758, -66.6849, 48.8169 looks on a white background.

Color Contrast Check

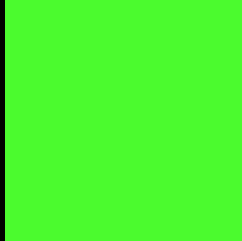
Large Text (above 18pt) WCAG AA × Fail

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 84.0758, -66.6849, 48.8169 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 84.0758, -66.6849, 48.8169 Background



This preview shows how black text looks on a background with the HunterLab color 84.0758, -66.6849, 48.8169.



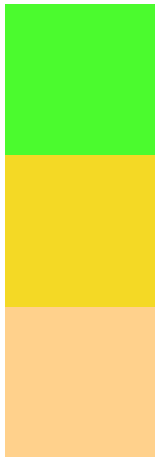
This preview shows how white text looks on a background with the HunterLab color 84.0758,

-66.6849, 48.8169.

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

84.0758, -66.6849, 48.8169

Protanopia

83.0616, -11.1417, 49.7378

Deuteranopia

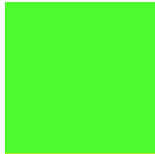
82.9183, 2.9446, 33.4045



Tritanopia

83.8436, -28.3348, -14.5464

Trichromacy



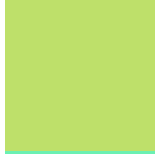
Original Color

84.0758, -66.6849, 48.8169



Protanomaly

81.3997, -37.3429, 48.0421



Deuteranomaly

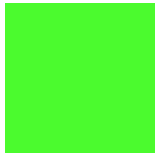
80.8078, -29.8789, 39.2656



Tritanomaly

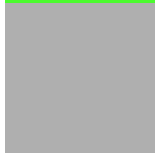
82.8615, -47.5101, 20.0893

Monochromacy



Original Color

84.0758, -66.6849, 48.8169



Achromatopsia

65.4745, -3.4936, 3.5574



Achromatomaly

70.5403, -32.6026, 25.7308

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 84.0758, -66.6849, 48.8169 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, 251, 46)` looks like.

```
.text, #text, p{  
    color:rgb(75, 251, 46)  
}
```

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, 251, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 251, 46) }
```

Border

The CSS property to change the border of an element to HunterLab 84.0758, -66.6849, 48.8169 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, 251, 46) }
```


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

```
.border{ border-color:rgb(75, 251, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 251, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 251, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 251, 46);  
box-shadow:4px 4px 4px 4px rgb(75, 251,  
46) }
```

Background

The CSS property to change the background color of an element to HunterLab 84.0758, -66.6849, 48.8169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 251, 46) }
```

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

```
.background{ background-color: rgb(75, 251,  
46) }
```

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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