

Converting Colors

HunterLab(82.7379, -67.9594,
48.0159)

Have a look what the booklet for
HunterLab(82.7379, -67.9594,
48.0159) contains.

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Color

**HunterLab(82.8521,
-68.0461, 48.0852)**

Conversions

Conversions Part 1

Format	Color
Hex	33F92D
RGB	51, 249, 45
RGB Percent	20%, 98%, 18%
CMY	0.8000, 0.0235, 0.8235
CMYK	0.80, 0.00, 0.82, 0.02
HSL	118°, 94%, 58%
HSV	118°, 82%, 98%
XYZ	35.7146, 68.6447, 13.8501
YIQ	166.5420, -52.5240, -105.4200

Conversions

Conversions Part 2

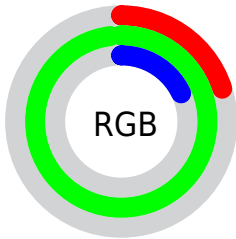
Format	Color
RYB	45, 249, 243
Decimal	3406125
CIELab	86.33, -80.26, 75.84
CIELCh	86, 110.428, 136.622
Yxy	68.6476, 0.3021, 0.5807
Android (android.graphics.Color)	4281596205 (0xFF33F92D)
YUV	166.5420, -59.9202, -101.3303
Hunter-Lab	82.8521, -68.0461, 48.0852

Details

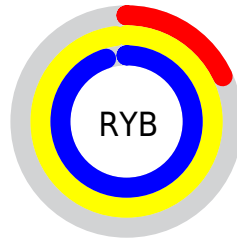
The HunterLab color **82.8521, -68.0461, 48.0852** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **52.7018, 94.0752, -66.7088**, and the grayscale version is **62.2311, -3.3205, 3.3811**.

A 20% lighter version of the original color is **88.0509, -56.7087, 43.5216**, and **61.0423, -52.3438, 36.6976** is the 20% darker color. If you saturate the color by 10%, you get **82.4838, -69.7907, 49.1249**, and if you desaturate by 10%, it is **83.4853, -65.0765, 46.1993**.

Distribution



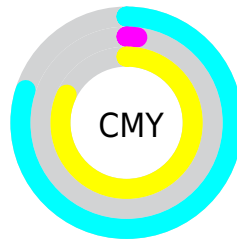
- Red (20%)
- Green (98%)
- Blue (18%)



- Red (18%)
- Yellow (98%)
- Blue (95%)



- Cyan (80%)
- Magenta (0%)
- Yellow (82%)
- Black (2%)



- Cyan (80%)
- Magenta (2%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 82.8521, -68.0461, 48.0852 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 82.8521, -68.0461, 48.0852 by changing the saturation by 10% instead.

■ 82.8521, -68.0461,
48.0852

■ 82.8521, -68.0461,
48.0852

213.4917,
-106.7518, 86.2078

■ 71.0104, -62.9732,
43.1279

■ 108.2950,
-77.5644, 57.4445

■ 59.7921, -57.6316,
37.9560

■ 121.8419,
-82.0700, 61.8874

■ 49.2361, -51.9624,
32.5532

■ 135.9109,
-86.4384, 66.1967

■ 39.3868, -45.8841,
27.1460

■ 150.4832,
-90.6873, 70.3877

■ 30.2991, -39.2838,
21.2094

■ 165.5420,
-94.8318, 74.4736

■ 22.0431, -32.0077,
15.4302

181.0721,

■ 14.7132, -25.7480,

-98.8840, 78.4658

10.2992

197.0595,
-102.8544, 82.3743

■ 8.3707, -14.6487,
5.8595

0.0000, NaN, NaN

■ 82.8521, -68.0461,
48.0852

■ 82.8521, -68.0461,
48.0852

■ 82.4838, -69.7907,
49.1249


■ 83.4853, -65.0765,
46.1993


■ 82.3416, -70.4607,
49.5050


■ 84.4090, -60.7658,
43.3754


■ 85.6457, -55.0688,
39.5725


■ 87.2081, -47.9953,
34.7909

 89.1019, -39.6021,
29.0652

 91.3268, -29.9822,
22.4571

 93.8775, -19.2531,
15.0465

 96.7448, -7.5462,
6.9243

 98.0990, -2.1474,
3.2307

Harmonies

Analogous

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



82.8538, -32.5161, 54.5680



82.8521, -68.0461, 48.0852



82.8538, -84.1529, 24.5446

Triad

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



82.8538, -68.0473, 48.0855



82.8538, -27.4653, -164.7730



82.8538, 122.9524, 28.4034

Complementary

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



82.8521, -68.0461, 48.0852



52.7018, 94.0752, -66.7088

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.



82.8538, 125.3382, -22.2549



82.8521, -68.0461, 48.0852



82.8538, 27.9916, -160.9845

Square

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



82.8538, -68.0473, 48.0855



82.8538, -65.1837, -106.7365



82.8538, 87.1257, -98.3698



82.8538, 81.2699, 49.3360

Rectangle

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



82.8521, -68.0461, 48.0852



82.8538, -85.3807, -7.9288



82.8538, 87.1257, -98.3698



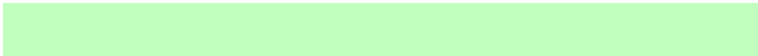
82.8538, 128.6928, 15.2766

Sweetspot

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



82.8538, -68.0473, 48.0855



93.0839, -34.0038, 25.2751



91.6277, -21.3407, 54.4798



42.6921, -17.3437, 12.8008

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



82.8538, -68.0473, 48.0855



84.6242, -72.2710, 50.7772



83.7926, -62.0470, 32.9337



43.9699, -7.6724, 6.1099



60.2511, -51.5129, 36.2247



18.3589, -15.5804, 11.0399

Inverse Universe

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



52.7018, 94.0752, -66.7088



52.1781, 102.6481, -73.5539



49.3405, 79.4326, -4.8417



41.8295, 3.3529, -1.6433



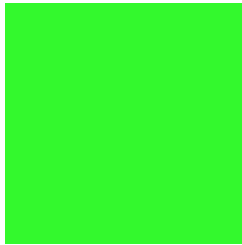
37.0782, 73.3713, -52.5803



11.3192, 22.3801, -15.9066

Previews

White Background



This preview shows how the HunterLab color 82.8521, -68.0461, 48.0852 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 82.8521, -68.0461, 48.0852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

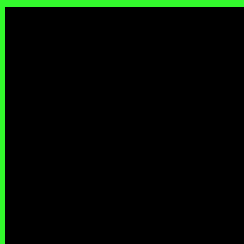
Any Text WCAG AA ✓ Pass

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 82.8521, -68.0461, 48.0852 Background



This preview shows how black text looks on a background with the HunterLab color 82.8521, -68.0461, 48.0852.



This preview shows how white text looks on a background with the HunterLab color 82.8521, -68.0461, 48.0852.

-68.0461, 48.0852.

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

82.8521, -68.0461, 48.0852

Protanopia

81.8054, -10.8412, 49.0086

Deuteranopia

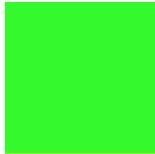
81.8138, 3.3154, 35.9204



Tritanopia

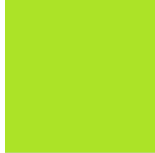
82.5766, -29.7714, -15.1674

Trichromacy



Original Color

82.8521, -68.0461, 48.0852



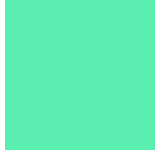
Protanomaly

79.9095, -39.6600, 47.1214



Deuteranomaly

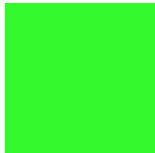
79.3280, -32.3132, 39.8633



Tritanomaly

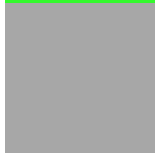
81.5214, -49.3249, 19.4965

Monochromacy



Original Color

82.8521, -68.0461, 48.0852



Achromatopsia

62.1634, -3.3169, 3.3775



Achromatomaly

67.6184, -33.8613, 24.6425

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 82.8521, -68.0461, 48.0852 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, 249, 45)` looks like.

```
.text, #text, p{  
    color:rgb(51, 249, 45)  
}
```

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, 249, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 249, 45) }
```

Border

The CSS property to change the border of an element to HunterLab 82.8521, -68.0461, 48.0852 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, 249, 45) }
```


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

```
.border{ border-color:rgb(51, 249, 45) }
```

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

Here you see how a box with a 4 pixel rgb(51, 249, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 249, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 249, 45);  
box-shadow:4px 4px 4px 4px rgb(51, 249,  
45) }
```

Background

The CSS property to change the background color of an element to HunterLab 82.8521, -68.0461, 48.0852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 249, 45) }
```

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

```
.background{ background-color: rgb(51, 249,  
45) }
```

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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