

Converting Colors

HunterLab(68.6923, -52.4619,
37.6300)

Have a look what the booklet for
HunterLab(68.6923, -52.4619,
37.6300) contains.

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Color

**HunterLab(68.7045,
-52.4306, 37.6076)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 45D13D |
| RGB | 69, 209, 61 |
| RGB Percent | 27%, 82%, 24% |
| CMY | 0.7294, 0.1804, 0.7608 |
| CMYK | 0.67, 0.00, 0.71, 0.18 |
| HSL | 117°, 62%, 53% |
| HSV | 117°, 71%, 82% |
| XYZ | 26.0970, 47.2031, 12.1505 |
| YIQ | 150.2680, -35.9320, -75.7080 |

Conversions

Conversions Part 2

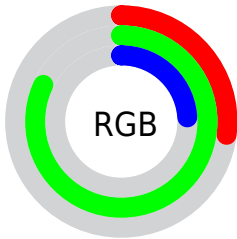
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 61, 209, 201 |
| Decimal | 4575549 |
| CIELab | 74.32, -64.33, 59.43 |
| CIELCh | 74, 87.583, 137.266 |
| Yxy | 47.2051, 0.3054, 0.5524 |
| Android (android.graphics.Color) | 4282765629 (0xFF45D13D) |
| YUV | 150.2680, -44.0091, -71.2720 |
| Hunter-Lab | 68.7045, -52.4306, 37.6076 |

Details

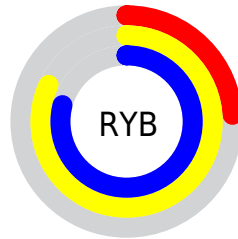
The HunterLab color **68.7045, -52.4306, 37.6076** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **45.1225, 68.4634, -50.2619**, and the grayscale version is **55.5179, -2.9623, 3.0164**.

A 20% lighter version of the original color is **88.2322, -55.7941, 42.2885**, and **47.7310, -40.9293, 28.6951** is the 20% darker color. If you saturate the color by 10%, you get **68.1289, -55.1292, 39.2604**, and if you desaturate by 10%, it is **69.5149, -48.6774, 35.1901**.

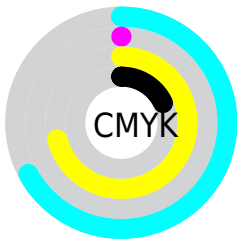
Distribution



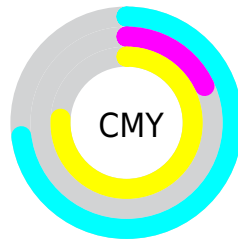
- Red (27%)
- Green (82%)
- Blue (24%)



- Red (24%)
- Yellow (82%)
- Blue (79%)



- Cyan (67%)
- Magenta (0%)
- Yellow (71%)
- Black (18%)



- Cyan (73%)
- Magenta (18%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.7045, -52.4306, 37.6076 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 68.7045, -52.4306, 37.6076 by changing the saturation by 10% instead.

■ 68.7045, -52.4306,
37.6076

■ 68.7045, -52.4306,
37.6076

193.8124,
-85.4274, 69.4628

■ 57.6175, -48.0710,
33.4139

■ 92.7468, -60.5661,
45.4638

■ 47.1996, -43.4521,
29.0027

■ 105.6389,
-64.4056, 49.1759

■ 37.4984, -38.5051,
24.3439

■ 119.0785,
-68.1248, 52.7707

■ 28.5715, -33.1295,
20.0001

■ 133.0442,
-71.7411, 56.2644

■ 20.4930, -27.1753,
14.3451

■ 147.5168,
-75.2689, 59.6701

■ 13.3636, -23.3863,
9.3545

162.4791,

■ 6.9162, -12.1033,

-78.7197, 62.9990

4.8413

177.9157,
-82.1032, 66.2606

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.7045, -52.4306,
37.6076

■ 68.7045, -52.4306,
37.6076

■ 68.1289, -55.1292,
39.2604

■ 69.5149, -48.6774,
35.1901

■ 67.7632, -56.8393,
40.2132

■ 70.5695, -43.8439,
31.9789


■ 67.5840, -57.6751,
40.6353


■ 71.8779, -37.9481,
27.9774


■ 73.4432, -31.0396,
23.2143


■ 75.2643, -23.1926,

17.7384

 77.3367, -14.4984,
11.6121

 79.6530, -5.0565,
4.9059

 82.2037, 5.0309,
-2.3071

 84.9781, 15.6653,
-9.9551

Harmonies

Analogous

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



68.7059, -25.4950, 43.6941



68.7045, -52.4306, 37.6076



68.7059, -64.7986, 18.2757

Triad

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



68.7059, -52.4316, 37.6079



68.7059, -20.1654, -116.6246



68.7059, 88.7513, 22.4503

Complementary

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



68.7045, -52.4306, 37.6076



45.1225, 68.4634, -50.2619

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.



68.7059, 91.1363, -14.8863



68.7045, -52.4306, 37.6076



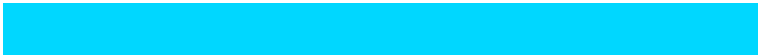
68.7059, 21.2739, -112.9791

Square

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



68.7059, -52.4316, 37.6079



68.7059, -49.3203, -77.0635



68.7059, 64.1891, -68.8931



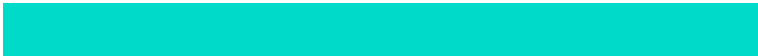
68.7059, 58.2812, 39.1277

Rectangle

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



68.7045, -52.4306, 37.6076



68.7059, -65.5889, -6.4141



68.7059, 64.1891, -68.8931



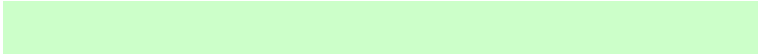
68.7059, 93.0804, 12.5473

Sweetspot

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



68.7059, -52.4316, 37.6079



94.1510, -29.4895, 22.5261



74.0290, -14.7935, 41.8209



43.2508, -14.9588, 11.3427

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.7059, -52.4316, 37.6079



85.0521, -70.2921, 49.8851



69.3392, -48.1391, 25.2541



36.3817, -6.1928, 5.0158



53.0800, -45.2320, 31.9158



12.5948, -10.5098, 7.5769

Inverse Universe

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



45.1225, 68.4634, -50.2619



52.6580, 97.0452, -72.3765



43.5135, 59.4918, -8.5752



34.6052, 2.6034, -1.3216



31.9852, 63.6493, -48.1192



7.6301, 15.1467, -11.1925

Previews

White Background



This preview shows how the HunterLab color 68.7045, -52.4306, 37.6076 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 68.7045, -52.4306, 37.6076 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 68.7045, -52.4306, 37.6076 Background



This preview shows how black text looks on a background with the HunterLab color 68.7045, -52.4306, 37.6076.



This preview shows how white text looks on a background with the HunterLab color 68.7045,

-52.4306, 37.6076.

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

68.7045, -52.4306, 37.6076

Protanopia

68.1313, -9.1336, 38.7852

Deuteranopia

67.8285, 5.0922, 36.2217



Tritanopia

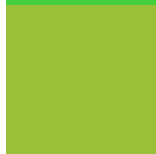
68.4538, -22.4357, -11.5899

Trichromacy



Original Color

68.7045, -52.4306, 37.6076



Protanomaly

66.9811, -29.5019, 37.3306



Deuteranomaly

65.9185, -21.7412, 35.1740



Tritanomaly

67.8498, -36.7369, 13.6811

Monochromacy



Original Color

68.7045, -52.4306, 37.6076



Achromatopsia

55.2257, -2.9467, 3.0005



Achromatomaly

58.7357, -24.6291, 18.4602

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.7045, -52.4306, 37.6076 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(69, 209, 61)` looks like.

```
.text, #text, p{  
    color:rgb(69, 209, 61)  
}
```

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(69, 209, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 209, 61) }
```

Border

The CSS property to change the border of an element to HunterLab 68.7045, -52.4306, 37.6076 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(69, 209, 61) }
```


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

```
.border{ border-color:rgb(69, 209, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 209, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 209, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 209, 61);  
box-shadow:4px 4px 4px 4px rgb(69, 209,  
61) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.7045, -52.4306, 37.6076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 209, 61) }
```

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

```
.background{ background-color: rgb(69, 209,  
61) }
```

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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