

Converting Colors

HunterLab(67.8807, -51.8853,
40.9194)

Have a look what the booklet for
HunterLab(67.8807, -51.8853,
40.9194) contains.

HunterLab(68.0352, -52.0610, 41.0116)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(68.0352,
-52.0610, 41.0116)**

Conversions

Conversions Part 1

Format	Color
Hex	4FCF00
RGB	79, 207, 0
RGB Percent	31%, 81%, 0%
CMY	0.6902, 0.1882, 0.9999
CMYK	0.62, 0.00, 1.00, 0.19
HSL	97°, 100%, 41%
HSV	97°, 100%, 81%
XYZ	25.5373, 46.2879, 7.5885
YIQ	145.1300, -9.8410, -91.5130

Conversions

Conversions Part 2

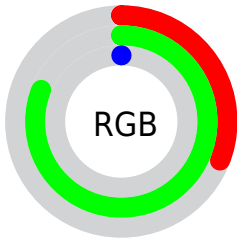
Format	Color
RYB	0, 207, 128
Decimal	5230336
CIELab	73.73, -64.14, 72.40
CIELCh	74, 96.727, 131.536
Yxy	46.2898, 0.3216, 0.5829
Android (android.graphics.Color)	4283420416 (0xFF4FCF00)
YUV	145.1300, -71.5491, -57.9960
Hunter-Lab	68.0352, -52.0610, 41.0116

Details

The HunterLab color **68.0352, -52.0610, 41.0116** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **30.1612, 66.5843, -96.2964**, and the grayscale version is **53.5471, -2.8571, 2.9093**.

A 20% lighter version of the original color is **88.3000, -56.2575, 48.0651**, and **47.0460, -40.3419, 28.2832** is the 20% darker color. If you saturate the color by 10%, you get **68.0362, -52.0642, 41.0121**, and if you desaturate by 10%, it is **68.5170, -49.9803, 40.7425**.

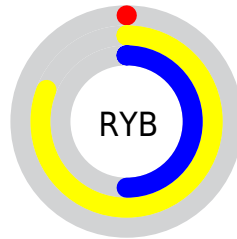
Distribution



Red (31%)

Green (81%)

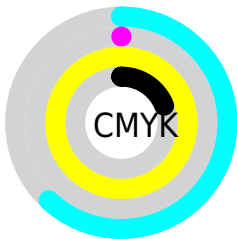
Blue (0%)



Red (0%)

Yellow (81%)

Blue (50%)

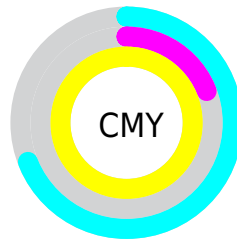


Cyan (62%)

Magenta (0%)

Yellow (100%)

Black (19%)



Cyan (69%)


Magenta (19%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 68.0352, -52.0610, 41.0116 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 68.0352, -52.0610, 41.0116 by changing the saturation by 10% instead.


 68.0352, -52.0610,
41.0116

 68.0352, -52.0610,
41.0116


192.8659,
-85.0291, 78.9679


 56.9865, -47.7003,
35.9896


 92.0069, -60.1945,
50.4325


 46.6093, -43.0777,
30.7325


 104.8661,
-64.0314, 54.8772

 36.9519, -38.1234,
25.5300


 118.2741,
-67.7474, 59.1730

 28.0726, -32.7347,
19.6508

 132.2094,
-71.3602, 63.3379

 20.0467, -26.7585,
14.0327

 146.6528,
-74.8840, 67.3875

 12.9770, -22.7098,
9.0839

 161.5868,

 6.4288, -11.2503,

-78.3305, 71.3349

4.5001

176.9959,
-81.7095, 75.1917

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.0352, -52.0610,
41.0116

■ 68.0352, -52.0610,
41.0116

■ 68.0362, -52.0642,
41.0121

■ 68.5170, -49.9803,
40.7425

■ 69.1158, -47.3462,
39.9269

■ 69.8475, -44.0906,
38.3841

■ 70.7189, -40.1958,
36.0416

■ 71.7341, -35.6612,

32.8575

■ 72.8955, -30.5007,
28.8134

■ 74.2036, -24.7389,
23.9107

■ 75.6577, -18.4091,
18.1668

■ 77.2558, -11.5506,
11.6112

Harmonies

Analogous

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



68.0366, -20.1012, 45.0714



68.0352, -52.0610, 41.0116



68.0366, -67.8325, 24.9688

Triad

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



68.0366, -52.0621, 41.0119



68.0366, -28.9459, -129.9355



68.0366, 103.7065, 18.2045

Complementary

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



68.0352, -52.0610, 41.0116



30.1612, 66.5843, -96.2964

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.



68.0366, 99.5346, -27.8940



68.0352, -52.0610, 41.0116



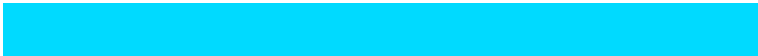
68.0366, 14.5658, -136.5543

Square

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



68.0366, -52.0621, 41.0119



68.0366, -57.0802, -76.6986



68.0366, 63.8394, -91.3220



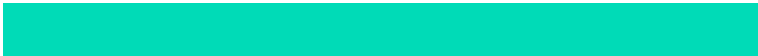
68.0366, 74.0818, 38.8128

Rectangle

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



68.0352, -52.0610, 41.0116



68.0366, -70.3653, 1.4576



68.0366, 63.8394, -91.3220



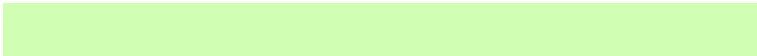
68.0366, 106.3808, 5.8752

Sweetspot

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



68.0366, -52.0621, 41.0119



93.8720, -31.6036, 30.5208



53.4940, 17.8633, 33.2748



43.0934, -16.0978, 15.3987

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.0366, -52.0621, 41.0119



86.0685, -66.1659, 51.8767



66.8538, -56.9706, 39.4230



36.6373, -5.2771, 5.3100



54.0495, -41.1298, 32.5850



12.9556, -8.9989, 7.8256

Inverse Universe

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



30.1612, 66.5843, -96.2964



38.0247, 84.1056, -122.6139



40.8404, 78.2937, -38.3878



34.3139, 1.6236, -1.7109



24.0548, 52.9938, -75.9213



6.0691, 13.0083, -16.3482

Previews

White Background



This preview shows how the HunterLab color 68.0352, -52.0610, 41.0116 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 68.0352, -52.0610, 41.0116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

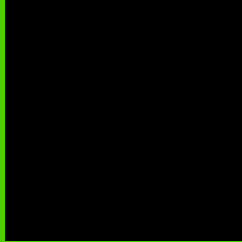
Any Text WCAG AA ✓ Pass

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 68.0352, -52.0610, 41.0116 Background



This preview shows how black text looks on a background with the HunterLab color 68.0352, -52.0610, 41.0116.



This preview shows how white text looks on a background with the HunterLab color 68.0352, -52.0610, 41.0116.

-52.0610, 41.0116.

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

68.0352, -52.0610, 41.0116

Protanopia

67.3343, -9.2788, 41.3286

Deuteranopia

67.4307, 4.7266, 39.6236



Tritanopia

67.6984, -20.4551, -10.9054

Trichromacy



Original Color

68.0352, -52.0610, 41.0116



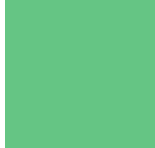
Protanomaly

66.4048, -28.8089, 40.4140



Deuteranomaly

65.7604, -21.2389, 39.2146



Tritanomaly

66.6072, -37.5113, 20.9547

Monochromacy



Original Color

68.0352, -52.0610, 41.0116



Achromatopsia

53.2117, -2.8392, 2.8911



Achromatomaly

57.3087, -26.0993, 24.3812

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.0352, -52.0610, 41.0116 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(79, 207, 0)` looks like.

```
.text, #text, p{  
    color:rgb(79, 207, 0)  
}
```

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(79, 207, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 207, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 68.0352, -52.0610, 41.0116 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(79, 207, 0) }
```


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

```
.border{ border-color:rgb(79, 207, 0) }
```

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

Here you see how a box with a 4 pixel rgb(79, 207, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 207, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 207, 0);  
box-shadow:4px 4px 4px 4px rgb(79, 207, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 68.0352, -52.0610, 41.0116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 207, 0) }
```

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

```
.background{ background-color: rgb(79, 207,  
0) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor