

Converting Colors

HunterLab(68.4717, -52.9223,
36.2785)

Have a look what the booklet for
HunterLab(68.4717, -52.9223,
36.2785) contains.

HunterLab(68.5368, -52.9803, 36.2920)	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(68.5368,
-52.9803, 36.2920)**

Conversions

Conversions Part 1

Format	Color
Hex	3BD146
RGB	59, 209, 70
RGB Percent	23%, 82%, 27%
CMY	0.7686, 0.1804, 0.7255
CMYK	0.72, 0.00, 0.67, 0.18
HSL	124°, 62%, 53%
HSV	124°, 72%, 82%
XYZ	25.7096, 46.9729, 13.5059
YIQ	148.3040, -44.7810, -75.0290

Conversions

Conversions Part 2

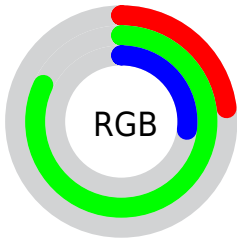
Format	Color
RYB	59, 199, 209
Decimal	3920198
CIELab	74.17, -65.31, 55.73
CIELCh	74, 85.855, 139.529
Yxy	46.9749, 0.2983, 0.5450
Android (android.graphics.Color)	4282110278 (0xFF3BD146)
YUV	148.3040, -38.6039, -78.3196
Hunter-Lab	68.5368, -52.9803, 36.2920

Details

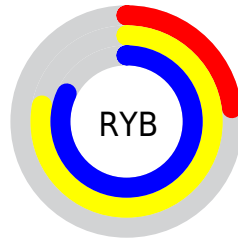
The HunterLab color **68.5368, -52.9803, 36.2920** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **45.5644, 69.3350, -40.2300**, and the grayscale version is **54.7061, -2.9190, 2.9723**.

A 20% lighter version of the original color is **88.0268, -56.4079, 40.4105**, and **47.7356, -40.9005, 28.6271** is the 20% darker color. If you saturate the color by 10%, you get **68.0093, -55.5156, 38.2411**, and if you desaturate by 10%, it is **69.3048, -49.3727, 33.6853**.

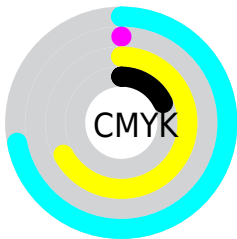
Distribution



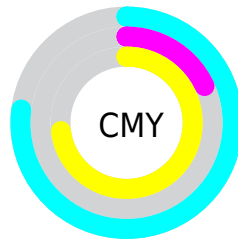
- Red (23%)
- Green (82%)
- Blue (27%)



- Red (23%)
- Yellow (78%)
- Blue (82%)



- Cyan (72%)
- Magenta (0%)
- Yellow (67%)
- Black (18%)



- Cyan (77%)
- Magenta (18%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.5368, -52.9803, 36.2920 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 68.5368, -52.9803, 36.2920 by changing the saturation by 10% instead.

■ 68.5368, -52.9803,
36.2920

■ 68.5368, -52.9803,
36.2920

193.5754,
-86.4258, 66.4460

■ 57.4594, -48.5538,
32.3343

■ 92.5614, -61.2354,
43.7086

■ 47.0516, -43.8621,
28.1687

■ 105.4453,
-65.1291, 47.2163

■ 37.3614, -38.8347,
23.7610

■ 118.8770,
-68.8996, 50.6160

■ 28.4464, -33.3691,
19.4470

■ 132.8351,
-72.5647, 53.9231

■ 20.3810, -27.3128,
14.2667

■ 147.3004,
-76.1390, 57.1499

■ 13.2665, -23.2163,
9.2865

162.2556,

■ 6.7975, -11.8955,

-79.6343, 60.3070

4.7582

177.6854,
-83.0605, 63.4032

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.5368, -52.9803,
36.2920

■ 68.5368, -52.9803,
36.2920

■ 68.0093, -55.5156,
38.2411

■ 69.3048, -49.3727,
33.6853

■ 67.6936, -57.0585,
39.5618

■ 70.3254, -44.6584,
30.4167


■ 67.5561, -57.7420,
40.2093


■ 71.6100, -38.8504,
26.5067


■ 73.1632, -31.9969,
21.9950


■ 74.9844, -24.1739,

16.9356

 77.0695, -15.4762,
11.3921

 79.4108, -6.0087,
5.4319

 81.9986, 4.1207,
-0.8776

 84.8212, 14.8078,
-7.4727

Harmonies

Analogous

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



68.5382, -27.5640, 43.0975



68.5368, -52.9803, 36.2920



68.5382, -64.1664, 15.7602

Triad

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



68.5382, -52.9813, 36.2923



68.5382, -17.1102, -114.5766



68.5382, 85.1306, 23.9891

Complementary

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



68.5368, -52.9803, 36.2920



45.5644, 69.3350, -40.2300

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.



68.5382, 89.7624, -10.9727



68.5368, -52.9803, 36.2920



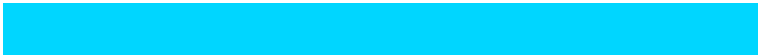
68.5382, 24.0465, -107.5470

Square

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



68.5382, -52.9813, 36.2923



68.5382, -46.8471, -78.7380



68.5382, 65.3604, -62.9371



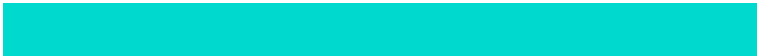
68.5382, 53.8670, 39.3481

Rectangle

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



68.5368, -52.9803, 36.2920



68.5382, -64.3012, -9.5471



68.5382, 65.3604, -62.9371



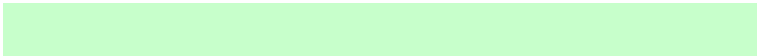
68.5382, 90.0886, 14.7898

Sweetspot

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



68.5382, -52.9813, 36.2923



93.7875, -30.7721, 21.5290



76.1979, -22.9052, 43.3321



43.0876, -15.5259, 10.7900

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.5382, -52.9813, 36.2923



84.9327, -70.6771, 48.8475



69.6752, -45.9990, 19.6746



36.3595, -6.2345, 4.6947



53.0505, -45.3064, 31.4951



12.5644, -10.5876, 7.1512

Inverse Universe

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



45.5644, 69.3350, -40.2300



53.6009, 97.4469, -55.5203



42.5901, 57.4781, 0.7033



34.6316, 2.6468, -0.9369



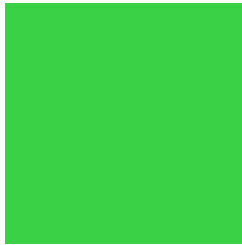
32.7972, 63.4799, -35.5020



7.7847, 15.1132, -8.7807

Previews

White Background



This preview shows how the HunterLab color 68.5368, -52.9803, 36.2920 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 68.5368, -52.9803, 36.2920 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 68.5368, -52.9803, 36.2920 Background



This preview shows how black text looks on a background with the HunterLab color 68.5368, -52.9803, 36.2920.



This preview shows how white text looks on a background with the HunterLab color 68.5368,

-52.9803, 36.2920.

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

68.5368, -52.9803, 36.2920

Protanopia

67.7880, -8.6911, 37.6324

Deuteranopia

67.7949, 5.1491, 34.8839



Tritanopia

68.1489, -23.5827, -12.0366

Trichromacy



Original Color

68.5368, -52.9803, 36.2920



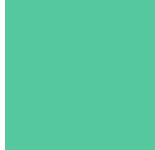
Protanomaly

66.4284, -29.8253, 35.9471



Deuteranomaly

65.6814, -22.4497, 33.5732



Tritanomaly

67.6594, -37.2900, 11.8948

Monochromacy



Original Color

68.5368, -52.9803, 36.2920



Achromatopsia

54.4186, -2.9036, 2.9567



Achromatomaly

58.1537, -25.1329, 17.2775

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.5368, -52.9803, 36.2920 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(59, 209, 70)` looks like.

```
.text, #text, p{  
    color:rgb(59, 209, 70)  
}
```

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(59, 209, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 209, 70) }
```

Border

The CSS property to change the border of an element to HunterLab 68.5368, -52.9803, 36.2920 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(59, 209, 70) }
```


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

```
.border{ border-color:rgb(59, 209, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 209, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 209, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 209, 70);  
box-shadow:4px 4px 4px 4px rgb(59, 209,  
70) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.5368, -52.9803, 36.2920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 209, 70) }
```

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

```
.background{ background-color: rgb(59, 209,  
70) }
```

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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