

Converting Colors

HunterLab(58.5625, -49.1363,
32.9863)

Have a look what the booklet for
HunterLab(58.5625, -49.1363,
32.9863) contains.

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Color

**HunterLab(58.7035,
-49.2652, 33.0980)**

Conversions

Conversions Part 1

Format	Color
Hex	02B82A
RGB	2, 184, 42
RGB Percent	1%, 72%, 16%
CMY	0.9922, 0.2784, 0.8353
CMYK	0.99, 0.00, 0.77, 0.28
HSL	133°, 98%, 36%
HSV	133°, 99%, 72%
XYZ	17.5834, 34.4610, 7.9154
YIQ	113.3940, -62.8900, -82.7460

Conversions

Conversions Part 2

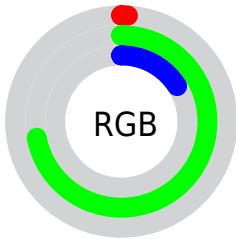
Format	Color
RYB	2, 151, 184
Decimal	178218
CIELab	65.33, -65.65, 56.75
CIElCh	65, 86.775, 139.159
Yxy	34.4624, 0.2933, 0.5747
Android (android.graphics.Color)	4278368298 (0xFF02B82A)
YUV	113.3940, -35.1972, -97.6925
Hunter-Lab	58.7035, -49.2652, 33.0980

Details

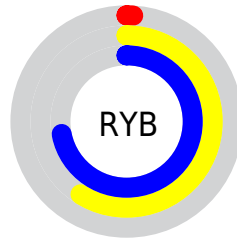
The HunterLab color **58.7035, -49.2652, 33.0980** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **34.9967, 65.3675, -21.9904**, and the grayscale version is **40.9370, -2.1843, 2.2242**.

A 20% lighter version of the original color is **81.4795, -57.8145, 40.7868**, and **39.6239, -33.9775, 23.8212** is the 20% darker color. If you saturate the color by 10%, you get **58.6844, -49.3713, 33.2282**, and if you desaturate by 10%, it is **58.9274, -48.1118, 31.6573**.

Distribution



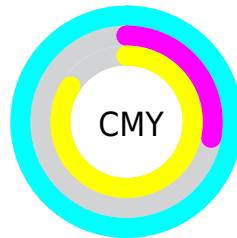
- Red (1%)
- Green (72%)
- Blue (16%)



- Red (1%)
- Yellow (59%)
- Blue (72%)



- Cyan (99%)
- Magenta (0%)
- Yellow (77%)
- Black (28%)



- Cyan (99%)
- Magenta (28%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.7035, -49.2652, 33.0980 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 58.7035, -49.2652, 33.0980 by changing the saturation by 10% instead.

■ 58.7035, -49.2652,
33.0980

■ 58.7035, -49.2652,
33.0980

179.4963,
-83.7959, 64.5451

■ 48.2173, -44.5847,
28.8897

■ 81.6408, -57.9005,
40.9265

■ 38.4416, -39.5753,
24.4408

■ 94.0198, -61.9408,
44.6040

■ 29.4337, -34.1391,
20.0173

■ 106.9681,
-65.8370, 48.1547

■ 21.2657, -28.1299,
14.8860

■ 120.4617,
-69.6113, 51.5969

■ 14.0350, -24.4305,
9.8245

■ 134.4792,
-73.2813, 54.9455

■ 7.6801, -13.4402,
5.3761

■ 149.0019,

0.0000, NaN, NaN

-76.8613, 58.2130

0.0000, NaN, NaN

164.0127,
-80.3629, 61.4100

0.0000, NaN, NaN

■ 58.7035, -49.2652,
33.0980

■ 58.7035, -49.2652,
33.0980

■ 58.6844, -49.3713,
33.2282

■ 58.9274, -48.1118,
31.6573

■ 59.2968, -46.2772,
29.8152

■ 59.8457, -43.6373,
27.5831

■ 60.5901, -40.1515,
24.9759

■ 61.5403, -35.8132,
22.0183

■ 62.7022, -30.6450,
18.7438

■ 64.0779, -24.6928,
15.1921

■ 65.6660, -18.0196,
11.4064

■ 67.4624, -10.6995,
7.4307

Harmonies

Analogous

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



58.7047, -25.4910, 38.3761



58.7035, -49.2652, 33.0980



58.7047, -59.5486, 14.9481

Triad

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



58.7047, -49.2660, 33.0982



58.7047, -16.4088, -116.4181



58.7047, 84.3404, 21.9144

Complementary

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



58.7035, -49.2652, 33.0980



34.9967, 65.3675, -21.9904

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.



58.7047, 88.5996, -11.6376



58.7035, -49.2652, 33.0980



58.7047, 23.1642, -109.6879

Square

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



58.7047, -49.2660, 33.0982



58.7047, -44.0967, -78.8424



58.7047, 63.9524, -63.9492



58.7047, 53.4856, 35.3927

Rectangle

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



58.7035, -49.2652, 33.0980



58.7047, -59.7642, -9.1436



58.7047, 63.9524, -63.9492



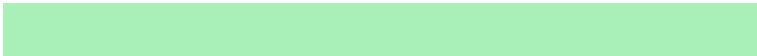
58.7047, 89.1827, 13.3281

Sweetspot

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



58.7047, -49.2660, 33.0982



85.9589, -34.5861, 21.2364



63.4566, -30.1673, 38.5199



39.5440, -17.6415, 10.7981



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



58.7047, -49.2660, 33.0982



78.9923, -66.5872, 45.0091



59.9776, -41.3883, 14.4990



31.7672, -5.1958, 3.5840



48.7266, -40.9288, 27.4495



9.2000, -7.3647, 4.3990

Inverse Universe

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



34.9967, 65.3675, -21.9904



46.9693, 88.0760, -28.8704



32.3982, 55.9482, 14.6533



30.2126, 2.0389, -0.2344



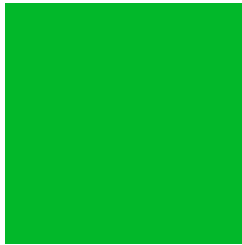
29.0041, 54.4603, -18.3884



5.5233, 10.4995, -4.4983

Previews

White Background



This preview shows how the HunterLab color 58.7035, -49.2652, 33.0980 looks on a white background.

Color Contrast Check

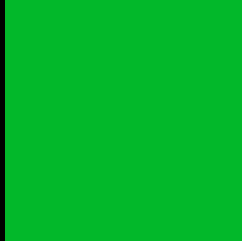
Large Text (above 18pt) WCAG AA × Fail

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 58.7035, -49.2652, 33.0980 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 58.7035, -49.2652, 33.0980 Background



This preview shows how black text looks on a background with the HunterLab color 58.7035, -49.2652, 33.0980.



This preview shows how white text looks on a background with the HunterLab color 58.7035, -49.2652, 33.0980.

-49.2652, 33.0980.

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

58.7035, -49.2652, 33.0980

Protanopia

58.2428, -7.9541, 34.1310

Deuteranopia

58.1755, 3.7727, 31.9685



Tritanopia

58.4509, -21.9719, -10.9253

Trichromacy



Original Color

58.7035, -49.2652, 33.0980



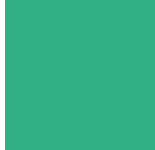
Protanomaly

55.9358, -30.9414, 31.9820



Deuteranomaly

55.1802, -25.4063, 30.0662



Tritanomaly

57.7902, -36.1899, 12.2103

Monochromacy



Original Color

58.7035, -49.2652, 33.0980



Achromatopsia

40.6365, -2.1683, 2.2079



Achromatomaly

45.3540, -25.4480, 15.7139

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.7035, -49.2652, 33.0980 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(2, 184, 42)` looks like.

```
.text, #text, p{  
    color:rgb(2, 184, 42)  
}
```

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(2, 184, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 184, 42) }
```

Border

The CSS property to change the border of an element to HunterLab 58.7035, -49.2652, 33.0980 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(2, 184, 42) }
```


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

```
.border{ border-color:rgb(2, 184, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 184, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 184, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 184, 42);  
box-shadow:4px 4px 4px 4px rgb(2, 184, 42)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 58.7035, -49.2652, 33.0980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 184, 42) }
```

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

```
.background{ background-color: rgb(2, 184,  
42) }
```

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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