

# Converting Colors

HunterLab(57.5092, -49.3104,  
34.5726)

Have a look what the booklet for  
HunterLab(57.5092, -49.3104,  
34.5726) contains.

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# Color

**HunterLab(57.4872,  
-49.2952, 34.5603)**

# Conversions

Conversions Part 1	
Format	Color
Hex	00B500
RGB	0, 181, 0
RGB Percent	0%, 71%, 0%
CMY	1.0000, 0.2902, 0.9999
CMYK	1.00, 0.00, 1.00, 0.29
HSL	120°, 100%, 35%
HSV	120°, 100%, 71%
XYZ	16.5239, 33.0478, 5.5080
YIQ	106.2470, -49.7750, -94.6630

# Conversions

## Conversions Part 2

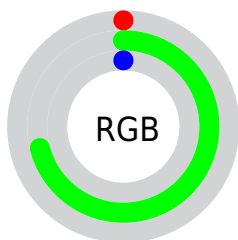
Format	Color
<a href="#">RYB</a>	<a href="#">0, 181, 181</a>
Decimal	<a href="#">46336</a>
CIELab	<a href="#">64.20, -66.63, 64.31</a>
CIELCh	<a href="#">64, 92.600, 136.017</a>
Yxy	<a href="#">33.0492, 0.3000, 0.6000</a>
Android (android.graphics.Color)	<a href="#">4278236416</a> (0xFF00B500)
YUV	<a href="#">106.2470, -52.3798, -93.1786</a>
Hunter-Lab	<a href="#">57.4872, -49.2952, 34.5603</a>

# Details

The HunterLab color **57.4872, -49.2952, 34.5603** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **36.2764, 71.3189, -47.8345**, and the grayscale version is **38.2661, -2.0418, 2.0791**.

A 20% lighter version of the original color is **80.2019, -57.9502, 43.3509**, and **38.6286, -33.1240, 23.2229** is the 20% darker color. If you saturate the color by 10%, you get **57.4884, -49.2960, 34.5605**, and if you desaturate by 10%, it is **57.6392, -48.5749, 34.0727**.

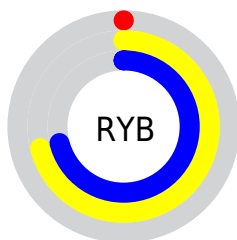
# Distribution



Red (0%)

Green (71%)

Blue (0%)



Red (0%)

Yellow (71%)

Blue (71%)

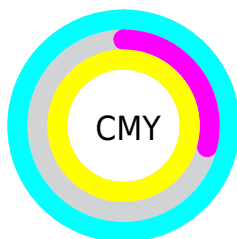


Cyan (100%)

Magenta (0%)

Yellow (100%)

Black (29%)



Cyan (100%)

Magenta (29%)


Yellow (100%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 57.4872, -49.2952, 34.5603 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 57.4872, -49.2952, 34.5603 by changing the saturation by 10% instead.





 57.4872, -49.2952,  
34.5603


 57.4872, -49.2952,  
34.5603


177.7276,  
-84.4147, 69.7810


 47.0788, -44.5129,  
29.8258


 80.2822, -58.1013,  
43.3752


 37.3865, -39.3860,  
24.8510


 92.5954, -62.2150,  
47.5100


 28.4693, -33.8107,  
19.9285


 105.4808,  
-66.1788, 51.4953

 20.4016, -27.6328,  
14.2811

 118.9140,  
-70.0157, 55.3512

 13.2843, -23.2475,  
9.2990

 132.8735,  
-73.7441, 59.0946


 6.8194, -11.9340,  
4.7736

 147.3401,


0.0000, NaN, NaN


-77.3790, 62.7396


0.0000, NaN, NaN


 162.2967,  
-80.9325, 66.2983


0.0000, NaN, NaN


 57.4872, -49.2952,  
34.5603


 57.4872, -49.2952,  
34.5603


 57.4884, -49.2960,  
34.5605


 57.6392, -48.5749,  
34.0727


 57.9280, -47.1998,  
33.1425


 58.4047, -44.9478,  
31.6193


 59.0895, -41.7499,  
29.4568

 59.9959, -37.5821,  
26.6388

 61.1318, -32.4585,  
23.1751

 62.5005, -26.4247,  
19.0967

 64.1011, -19.5501,  
14.4508

 65.9292, -11.9195,  
9.2951

# Harmonies

## Analogous

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



57.4884, -23.1379, 38.5629



57.4872, -49.2952, 34.5603



57.4884, -61.0705, 18.3876

# Triad

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



57.4884, -49.2960, 34.5605



57.4884, -20.8104, -126.4208



57.4884, 93.3278, 20.1346

# Complementary

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



57.4872, -49.2952, 34.5603



36.2764, 71.3189, -47.8345

# Split Complementary

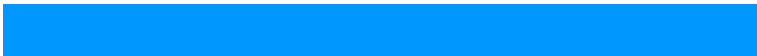
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



57.4884, 94.4685, -17.9598



57.4872, -49.2952, 34.5603



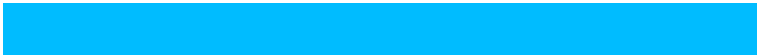
57.4884, 20.1937, -124.5634

# Square

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



57.4884, -49.2960, 34.5605



57.4884, -48.0034, -80.5235



57.4884, 64.8954, -76.4610



57.4884, 62.1127, 35.0793



# Rectangle

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



57.4872, -49.2952, 34.5603



57.4884, -62.0971, -5.2476



57.4884, 64.8954, -76.4610



57.4884, 97.4855, 10.4089

# Sweetspot

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



57.4884, -49.2960, 34.5605



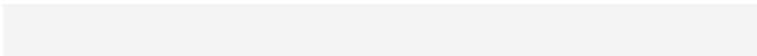
83.5418, -35.7960, 25.8489



65.4777, -17.5868, 40.0391



38.4713, -18.2531, 13.1064



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978



# Same Dimension

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



57.4884, -49.2960, 34.5605



76.9337, -65.9704, 46.2507



58.1342, -45.2641, 25.0497



30.8060, -5.3018, 4.1611



47.7310, -40.9291, 28.6946



8.4666, -7.2599, 5.0895



# Inverse Universe

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



36.2764, 71.3189, -47.8345



48.5468, 95.4425, -64.0143



32.5130, 57.9760, 3.2049



29.4053, 2.2633, -1.0082



30.1193, 59.2143, -39.7159

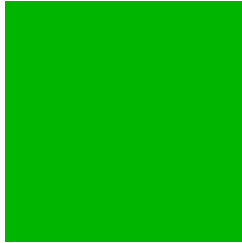


5.3426, 10.5037, -7.0454



# Previews

## White Background



This preview shows how the HunterLab color 57.4872, -49.2952, 34.5603 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

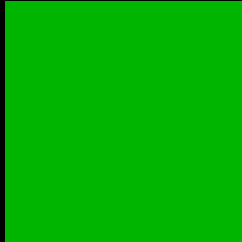
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 57.4872, -49.2952, 34.5603 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 57.4872, -49.2952, 34.5603 Background



This preview shows how black text looks on a background with the HunterLab color 57.4872, -49.2952, 34.5603.



This preview shows how white text looks on a background with the HunterLab color 57.4872, -49.2952, 34.5603.

-49.2952, 34.5603.

# 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

57.4872, -49.2952, 34.5603

### Protanopia

56.9573, -8.2371, 34.9526

### Deuteranopia

56.9941, 3.7637, 33.1886



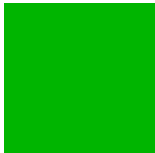


## Tritanopia

57.3752, -21.3019, -10.7515

# Trichromacy

	<b>Original Color</b> 57.4872, -49.2952, 34.5603
	<b>Protanomaly</b> 54.7087, -31.0369, 33.1679
	<b>Deuteranomaly</b> 53.9235, -25.7050, 31.7662
	<b>Tritanomaly</b> 56.3706, -37.4872, 16.7003

# Monochromacy

	<b>Original Color</b> 57.4872, -49.2952, 34.5603
	<b>Achromatopsia</b> 37.9643, -2.0257, 2.0627
	<b>Achromatomaly</b> 42.8644, -26.2265, 18.6087

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 57.4872, -49.2952, 34.5603 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(0, 181, 0)` looks like.

```
.text, #text, p{  
    color:rgb(0, 181, 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(0, 181, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 181, 0) }
```

## Border

The CSS property to change the border of an element to HunterLab 57.4872, -49.2952, 34.5603 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(0, 181, 0) }
```



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

```
.border{ border-color:rgb(0, 181, 0) }
```

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

Here you see how a box with a 4 pixel rgb(0, 181, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 181, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 181, 0); box-shadow:4px  
4px 4px 4px rgb(0, 181, 0) }
```

# Background

The CSS property to change the background color of an element to HunterLab 57.4872, -49.2952, 34.5603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:rgb(0, 181, 0) }
```

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

```
.background{ background-color:rgb(0, 181,  
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](#).

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