

Converting Colors

HunterLab(57.5336, -49.1298,
34.1451)

Have a look what the booklet for
HunterLab(57.5336, -49.1298,
34.1451) contains.

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Color

**HunterLab(57.5172,
-49.1069, 34.1162)**

Conversions

Conversions Part 1

Format	Color
Hex	00B50F
RGB	0, 181, 15
RGB Percent	0%, 71%, 6%
CMY	1.0000, 0.2902, 0.9411
CMYK	1.00, 0.00, 0.92, 0.29
HSL	125°, 100%, 35%
HSV	125°, 100%, 71%
XYZ	16.6101, 33.0823, 5.9621
YIQ	107.9570, -54.5900, -89.9980

Conversions

Conversions Part 2

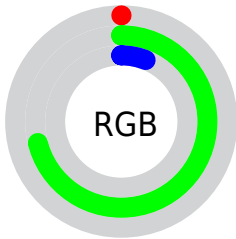
Format	Color
RYB	0, 167, 181
Decimal	46351
CIELab	64.23, -66.27, 62.38
CIELCh	64, 91.005, 136.732
Yxy	33.0837, 0.2984, 0.5944
Android (android.graphics.Color)	4278236431 (0xFF00B50F)
YUV	107.9570, -45.8278, -94.6783
Hunter-Lab	57.5172, -49.1069, 34.1162

Details

The HunterLab color $57.5172, -49.1069, 34.1162$ is a dark color, and the websafe version is hex $33CC33$. A complement of this color would be $35.4639, 68.4949, -37.2525$, and the grayscale version is $38.8937, -2.0753, 2.1132$.

A 20% lighter version of the original color is $80.2121, -57.8180, 42.6600$, and $38.6286, -33.1240, 23.2229$ is the 20% darker color. If you saturate the color by 10%, you get $57.5184, -49.1077, 34.1164$, and if you desaturate by 10%, it is $57.6896, -48.2592, 33.3269$.

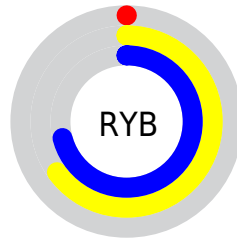
Distribution



Red (0%)

Green (71%)

Blue (6%)



Red (0%)

Yellow (65%)

Blue (71%)

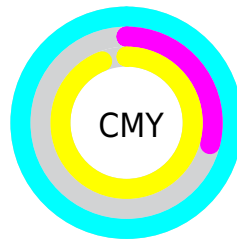


Cyan (100%)

Magenta (0%)

Yellow (92%)

Black (29%)



Cyan (100%)


Magenta (29%)


Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 57.5172, -49.1069, 34.1162 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 57.5172, -49.1069, 34.1162 by changing the saturation by 10% instead.


 57.5172, -49.1069,
34.1162


 57.5172, -49.1069,
34.1162


177.7713,
-84.0528, 68.3977


 47.1068, -44.3510,
29.5084


 80.3157, -57.8662,
42.6896


 37.4125, -39.2529,
24.6508


 92.6306, -61.9589,
46.7111


 28.4931, -33.7098,
19.9452


 105.5175,
-65.9027, 50.5883

 20.4228, -27.5680,
14.2960

 118.9522,
-69.7208, 54.3408

 13.3027, -23.2797,
9.3119

 132.9131,
-73.4314, 57.9852

 6.8420, -11.9735,
4.7894

 147.3811,

0.0000, NaN, NaN

-77.0492, 61.5353

0.0000, NaN, NaN

162.3391,
-80.5864, 65.0028

0.0000, NaN, NaN

■ 57.5172, -49.1069,
34.1162

■ 57.5172, -49.1069,
34.1162

■ 57.5184, -49.1077,
34.1164

■ 57.6896, -48.2592,
33.3269

■ 58.0026, -46.7349,
32.0407

■ 58.4989, -44.3647,
30.2303

■ 59.1968, -41.0926,
27.8794

■ 60.1083, -36.9024,
24.9921

■ 61.2405, -31.8119,
21.5902

■ 62.5961, -25.8666,
17.7101

■ 64.1740, -19.1328,
13.3983

■ 65.9700, -11.6906,
8.7076

Harmonies

Analogous

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



57.5184, -23.6145, 38.3828



57.5172, -49.1069, 34.1162



57.5184, -60.4909, 17.5387

Triad

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



57.5184, -49.1077, 34.1164



57.5184, -19.7069, -123.6270



57.5184, 90.8637, 20.4863

Complementary

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



57.5172, -49.1069, 34.1162



35.4639, 68.4949, -37.2525

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.



57.5184, 92.7598, -16.3561



57.5172, -49.1069, 34.1162



57.5184, 20.8312, -120.5605

Square

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



57.5184, -49.1077, 34.1164



57.5184, -46.9253, -79.8817



57.5184, 64.4631, -73.1571



57.5184, 59.8302, 35.0134

Rectangle

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



57.5172, -49.1069, 34.1162



57.5184, -61.3289, -6.1404



57.5184, 64.4631, -73.1571



57.5184, 95.1762, 11.0769

Sweetspot

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



57.5184, -49.1077, 34.1164



83.6710, -35.0407, 23.9751



64.4027, -21.5929, 39.3066



38.5353, -17.8757, 12.1756



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.



57.5184, -49.1077, 34.1164



76.9652, -65.7722, 45.7835



58.3265, -44.0740, 22.2400



30.8239, -5.2015, 3.9041



47.7606, -40.7434, 28.2567



8.4939, -7.0887, 4.6858

Inverse Universe

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



35.4639, 68.4949, -37.2525



47.4421, 91.6025, -49.6246



32.2188, 56.9022, 7.4344



29.3842, 2.1504, -0.7089



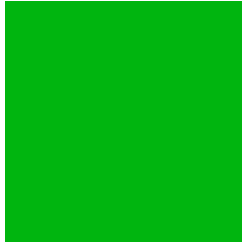
29.4531, 56.8987, -31.0400



5.2583, 10.2110, -5.9506

Previews

White Background



This preview shows how the HunterLab color 57.5172, -49.1069, 34.1162 looks on a white background.

Color Contrast Check

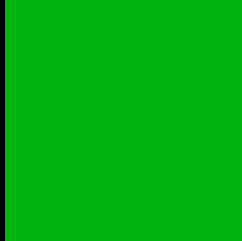
Large Text (above 18pt) WCAG AA × Fail

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 57.5172, -49.1069, 34.1162 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 57.5172, -49.1069, 34.1162 Background



This preview shows how black text looks on a background with the HunterLab color 57.5172, -49.1069, 34.1162.



This preview shows how white text looks on a background with the HunterLab color 57.5172, -49.1069, 34.1162.

-49.1069, 34.1162.

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

57.5172, -49.1069, 34.1162

Protanopia

56.9573, -8.2371, 34.9526

Deuteranopia

57.0060, 3.8277, 33.0120



Tritanopia

57.3752, -21.3019, -10.7515

Trichromacy



Original Color

57.5172, -49.1069, 34.1162



Protanomaly

54.7187, -30.9769, 33.0195



Deuteranomaly

53.9551, -25.5185, 31.2985



Tritanomaly

56.4765, -36.8428, 15.1653

Monochromacy



Original Color

57.5172, -49.1069, 34.1162



Achromatopsia

38.7246, -2.0663, 2.1040



Achromatomaly

43.6893, -25.9810, 17.6744

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 57.5172, -49.1069, 34.1162 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, 15)` looks like.

```
.text, #text, p{  
    color:rgb(0, 181, 15)  
}
```

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, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 181, 15) }
```

Border

The CSS property to change the border of an element to HunterLab 57.5172, -49.1069, 34.1162 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, 15) }
```


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

```
.border{ border-color:rgb(0, 181, 15) }
```

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, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 181, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 181, 15);  
box-shadow:4px 4px 4px 4px rgb(0, 181, 15)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 57.5172, -49.1069, 34.1162 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, 15) }
```

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

```
.background{ background-color: rgb(0, 181,  
15) }
```

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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