

Converting Colors

HunterLab(57.5133, -49.2572,
34.4454)

Have a look what the booklet for
HunterLab(57.5133, -49.2572,
34.4454) contains.

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Color

**HunterLab(57.4948,
-49.2474, 34.4474)**

Conversions

Conversions Part 1

Format	Color
Hex	00B504
RGB	0, 181, 4
RGB Percent	0%, 71%, 2%
CMY	1.0000, 0.2902, 0.9842
CMYK	1.00, 0.00, 0.98, 0.29
HSL	121°, 100%, 35%
HSV	121°, 100%, 71%
XYZ	16.5458, 33.0565, 5.6234
YIQ	106.7030, -51.0590, -93.4190

Conversions

Conversions Part 2

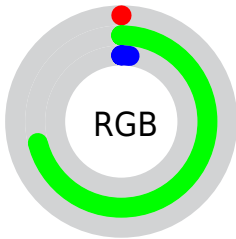
Format	Color
RYB	0, 177, 181
Decimal	46340
CIELab	64.21, -66.54, 63.81
CIELCh	64, 92.187, 136.201
Yxy	33.0579, 0.2996, 0.5986
Android (android.graphics.Color)	4278236420 (0xFF00B504)
YUV	106.7030, -50.6326, -93.5785
Hunter-Lab	57.4948, -49.2474, 34.4474

Details

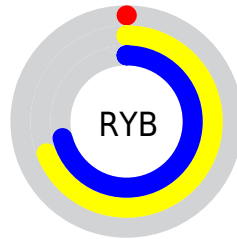
The HunterLab color $57.4948, -49.2474, 34.4474$ is a dark color, and the websafe version is hex $33CC33$. A complement of this color would be $36.0526, 70.5438, -44.9411$, and the grayscale version is $38.4331, -2.0507, 2.0881$.

A 20% lighter version of the original color is $80.1847, -57.9867, 43.0647$, and $38.6286, -33.1240, 23.2229$ is the 20% darker color. If you saturate the color by 10%, you get $57.4960, -49.2481, 34.4476$, and if you desaturate by 10%, it is $57.6502, -48.5055, 33.9086$.

Distribution



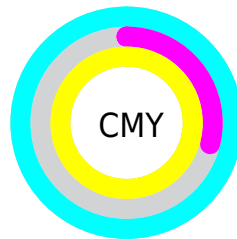
- Red (0%)
- Green (71%)
- Blue (2%)



- Red (0%)
- Yellow (69%)
- Blue (71%)



- Cyan (100%)
- Magenta (0%)
- Yellow (98%)
- Black (29%)





- Cyan (100%)
- Magenta (29%)
- Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 57.4948, -49.2474, 34.4474 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 57.4948, -49.2474, 34.4474 by changing the saturation by 10% instead.


 57.4948, -49.2474,
34.4474


 57.4948, -49.2474,
34.4474


177.7387,
-84.3227, 69.4246


 47.0859, -44.4718,
29.7456


 80.2907, -58.0416,
43.1998


 37.3931, -39.3522,
24.7990


 92.6043, -62.1499,
47.3052


 28.4754, -33.7851,
19.9328


 105.4901,
-66.1086, 51.2625

 20.4069, -27.6164,
14.2849

 118.9237,
-69.9407, 55.0916

 13.2890, -23.2557,
9.3023

 132.8835,
-73.6647, 58.8093

 6.8251, -11.9440,
4.7776

 147.3505,

0.0000, NaN, NaN

-77.2952, 62.4296

0.0000, NaN, NaN

162.3074,
-80.8445, 65.9647

0.0000, NaN, NaN

■ 57.4948, -49.2474,
34.4474

■ 57.4948, -49.2474,
34.4474

■ 57.4960, -49.2481,
34.4476

■ 57.6502, -48.5055,
33.9086

■ 57.9457, -47.0893,
32.8804

■ 58.4280, -44.8036,
31.2755

■ 59.1166, -41.5834,
29.0569

■ 60.0247, -37.4073,
26.2147

■ 61.1600, -32.2904,
22.7624

■ 62.5255, -26.2786,
18.7327

■ 64.1202, -19.4403,
14.1728

■ 65.9399, -11.8593,
9.1394

Harmonies

Analogous

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



57.4960, -23.2627, 38.5176



57.4948, -49.2474, 34.4474



57.4960, -60.9215, 18.1691

Triad

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



57.4960, -49.2481, 34.4476



57.4960, -20.5246, -125.6968



57.4960, 92.6881, 20.2270

Complementary

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



57.4948, -49.2474, 34.4474



36.0526, 70.5438, -44.9411

Split Complementary

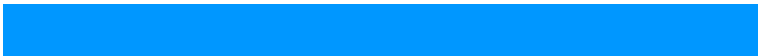
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



57.4960, 94.0266, -17.5402



57.4948, -49.2474, 34.4474



57.4960, 20.3602, -123.5212

Square

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



57.4960, -49.2481, 34.4476



57.4960, -47.7253, -80.3601



57.4960, 64.7854, -75.5982



57.4960, 61.5189, 35.0626

Rectangle

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



57.4948, -49.2474, 34.4474



57.4960, -61.8995, -5.4792



57.4960, 64.7854, -75.5982



57.4960, 96.8866, 10.5840

Sweetspot

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



57.4960, -49.2481, 34.4476



83.5757, -35.5976, 25.3567



65.2016, -18.6088, 39.8511



38.4881, -18.1543, 12.8627



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.



57.4960, -49.2481, 34.4476



76.9411, -65.9240, 46.1414



58.1796, -44.9829, 24.3858



30.8108, -5.2751, 4.0928



47.7388, -40.8803, 28.5796



8.4739, -7.2141, 4.9815

Inverse Universe

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



36.0526, 70.5438, -44.9411



48.2423, 94.3879, -60.0779



32.4349, 57.6918, 4.3232



29.3997, 2.2331, -0.9281



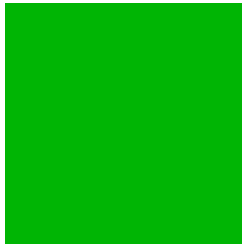
29.9358, 58.5789, -37.3444



5.3197, 10.4241, -6.7484

Previews

White Background



This preview shows how the HunterLab color 57.4948, -49.2474, 34.4474 looks on a white background.

Color Contrast Check

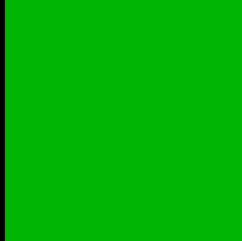
Large Text (above 18pt) WCAG AA × Fail

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 57.4948, -49.2474, 34.4474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

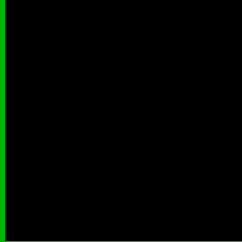
Any Text WCAG AA ✓ Pass

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 57.4948, -49.2474, 34.4474 Background



This preview shows how black text looks on a background with the HunterLab color 57.4948, -49.2474, 34.4474.



This preview shows how white text looks on a background with the HunterLab color 57.4948, -49.2474, 34.4474.

-49.2474, 34.4474.

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

57.4948, -49.2474, 34.4474

Protanopia

56.9573, -8.2371, 34.9526

Deuteranopia

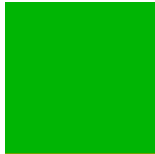
56.9941, 3.7637, 33.1886



Tritanopia

57.3752, -21.3019, -10.7515

Trichromacy



Original Color

57.4948, -49.2474, 34.4474



Protanomaly

54.7107, -31.0249, 33.1382



Deuteranomaly

53.9276, -25.6810, 31.7059



Tritanomaly

56.3914, -37.3608, 16.3993

Monochromacy



Original Color

57.4948, -49.2474, 34.4474



Achromatopsia

38.3441, -2.0459, 2.0833



Achromatomaly

43.2682, -26.1543, 18.2638

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 57.4948, -49.2474, 34.4474 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, 4)` looks like.

```
.text, #text, p{  
    color:rgb(0, 181, 4)  
}
```

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, 4) colored shadow looks like.

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

Border

The CSS property to change the border of an element to HunterLab 57.4948, -49.2474, 34.4474 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, 4) }
```


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

```
.border{ border-color:rgb(0, 181, 4) }
```

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, 4)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to HunterLab 57.4948, -49.2474, 34.4474 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, 4) }
```

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

```
.background{ background-color: rgb(0, 181,  
4) }
```

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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