

Converting Colors

HunterLab(57.5209, -49.2419,
34.5820)

Have a look what the booklet for
HunterLab(57.5209, -49.2419,
34.5820) contains.

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Color

**HunterLab(57.5040,
-49.2232, 34.5720)**

Conversions

Conversions Part 1

Format	Color
Hex	03B500
RGB	3, 181, 0
RGB Percent	1%, 71%, 0%
CMY	0.9882, 0.2902, 0.9999
CMYK	0.98, 0.00, 1.00, 0.29
HSL	119°, 100%, 35%
HSV	119°, 100%, 71%
XYZ	16.5614, 33.0671, 5.5097
YIQ	107.1440, -47.9870, -94.0270

Conversions

Conversions Part 2

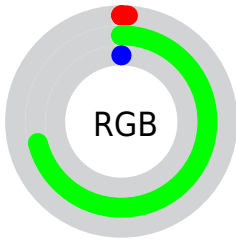
Format	Color
RYB	0, 181, 178
Decimal	242944
CIELab	64.22, -66.49, 64.33
CIELCh	64, 92.511, 135.946
Yxy	33.0685, 0.3004, 0.5997
Android (android.graphics.Color)	4278433024 (0xFF03B500)
YUV	107.1440, -52.8220, -91.3343
Hunter-Lab	57.5040, -49.2232, 34.5720

Details

The HunterLab color **57.5040, -49.2232, 34.5720** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **35.7829, 70.6002, -49.1525**, and the grayscale version is **38.6080, -2.0600, 2.0976**.

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 **57.5051, -49.2246, 34.5726**, and if you desaturate by 10%, it is **57.6632, -48.4725, 34.0896**.

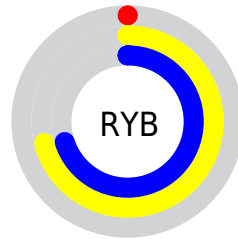
Distribution



Red (1%)

Green (71%)

Blue (0%)



Red (0%)

Yellow (71%)

Blue (70%)

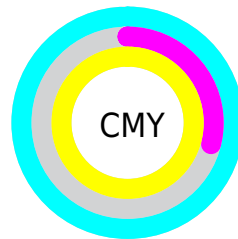


Cyan (98%)

Magenta (0%)

Yellow (100%)

Black (29%)



Cyan (99%)

Magenta (29%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 57.5040, -49.2232, 34.5720 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 57.5040, -49.2232, 34.5720 by changing the saturation by 10% instead.

■ 57.5040, -49.2232,
34.5720

■ 57.5040, -49.2232,
34.5720

177.7521,
-84.2737, 69.8003

■ 47.0945, -44.4515,
29.8366

■ 80.3009, -58.0107,
43.3887

■ 37.4011, -39.3361,
24.8608

■ 92.6151, -62.1160,
47.5244

■ 28.4826, -33.7737,
19.9378

■ 105.5014,
-66.0718, 51.5106

■ 20.4135, -27.6103,
14.2894

■ 118.9354,
-69.9013, 55.3674

■ 13.2946, -23.2655,
9.3062

■ 132.8957,
-73.6227, 59.1115

■ 6.8321, -11.9561,
4.7825

■ 147.3631,

0.0000, NaN, NaN

-77.2508, 62.7574

0.0000, NaN, NaN

162.3204,
-80.7978, 66.3169

0.0000, NaN, NaN

■ 57.5040, -49.2232,
34.5720

■ 57.5040, -49.2232,
34.5720

■ 57.5051, -49.2246,
34.5726

■ 57.6632, -48.4725,
34.0896

■ 57.9667, -47.0356,
33.1704

■ 58.4559, -44.7331,
31.6575

■ 59.1494, -41.5022,
29.5036

■ 60.0599, -37.3225,
26.6918

■ 61.1947, -32.2095,
23.2304

■ 62.5567, -26.2084,
19.1490

■ 64.1447, -19.3869,
14.4930

■ 65.9546, -11.8271,
9.3188

Harmonies

Analogous

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



57.5052, -23.0436, 38.5667



57.5040, -49.2232, 34.5720



57.5052, -61.0271, 18.4406

Triad

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



57.5052, -49.2240, 34.5722



57.5052, -20.8789, -126.1684



57.5052, 93.2584, 20.0660

Complementary

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



57.5040, -49.2232, 34.5720



35.7829, 70.6002, -49.1525

Split Complementary

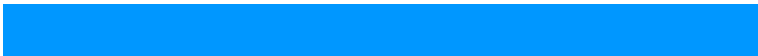
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



57.5052, 94.3187, -18.0568



57.5040, -49.2232, 34.5720



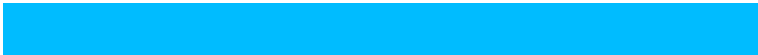
57.5052, 20.0639, -124.4427

Square

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



57.5052, -49.2240, 34.5722



57.5052, -48.0213, -80.2705



57.5052, 64.7259, -76.4953



57.5052, 62.1391, 35.0557

Rectangle

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



57.5040, -49.2232, 34.5720



57.5052, -62.0718, -5.1345



57.5052, 64.7259, -76.4953



57.5052, 97.3847, 10.3253

Sweetspot

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



57.5052, -49.2240, 34.5722



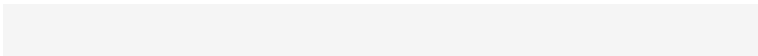
83.6160, -35.5108, 25.9240



64.5444, -16.2287, 39.4874



38.5079, -18.1105, 13.1424



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.



57.5052, -49.2240, 34.5722



76.9499, -65.9012, 46.2624



58.0908, -45.5337, 25.6869



30.8165, -5.2643, 4.1735



47.7480, -40.8564, 28.7068



8.4826, -7.1917, 5.1010

Inverse Universe

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



35.7829, 70.6002, -49.1525



47.8746, 94.4670, -65.8095



32.5948, 58.2700, 2.0442



29.3929, 2.2219, -1.0250



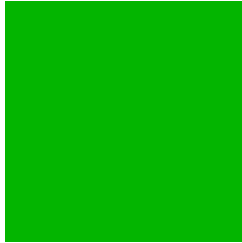
29.7144, 58.6266, -40.7970



5.2920, 10.4301, -7.1802

Previews

White Background



This preview shows how the HunterLab color 57.5040, -49.2232, 34.5720 looks on a white background.

Color Contrast Check

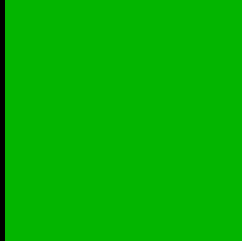
Large Text (above 18pt) WCAG AA × Fail

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 57.5040, -49.2232, 34.5720 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 57.5040, -49.2232, 34.5720 Background



This preview shows how black text looks on a background with the HunterLab color 57.5040, -49.2232, 34.5720.



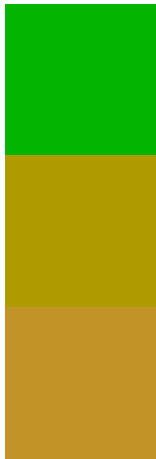
This preview shows how white text looks on a background with the HunterLab color 57.5040, -49.2232, 34.5720.

-49.2232, 34.5720.

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

57.5040, -49.2232, 34.5720

Protanopia

56.9573, -8.2371, 34.9526

Deuteranopia

56.9941, 3.7637, 33.1886



Tritanopia

57.3752, -21.3019, -10.7515

Trichromacy



Original Color

57.5040, -49.2232, 34.5720



Protanomaly

54.7683, -30.7992, 33.2088



Deuteranomaly

54.0615, -25.1673, 31.8632



Tritanomaly

56.3924, -37.3980, 16.7221

Monochromacy



Original Color

57.5040, -49.2232, 34.5720



Achromatopsia

38.3441, -2.0459, 2.0833



Achromatomaly

43.2814, -26.1585, 18.7202

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 57.5040, -49.2232, 34.5720 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(3, 181, 0)` looks like.

```
.text, #text, p{  
    color:rgb(3, 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(3, 181, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 181, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 57.5040, -49.2232, 34.5720 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(3, 181, 0) }
```


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

```
.border{ border-color:rgb(3, 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(3, 181, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 181, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(3, 181, 0); box-shadow:4px  
4px 4px 4px rgb(3, 181, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 57.5040, -49.2232, 34.5720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 181, 0) }
```

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

```
.background{ background-color: rgb(3, 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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