

Converting Colors

HunterLab(58.9173, -47.9153,
35.4657)

Have a look what the booklet for
HunterLab(58.9173, -47.9153,
35.4657) contains.

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Color

**HunterLab(59.0638,
-48.0176, 35.5542)**

Conversions

Conversions Part 1

Format	Color
Hex	2FB800
RGB	47, 184, 0
RGB Percent	18%, 72%, 0%
CMY	0.8157, 0.2784, 0.9999
CMYK	0.74, 0.00, 1.00, 0.28
HSL	105°, 100%, 36%
HSV	105°, 100%, 72%
XYZ	18.3128, 34.8853, 5.7684
YIQ	122.0610, -22.5880, -86.2680

Conversions

Conversions Part 2

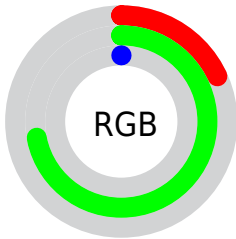
Format	Color
RYB	0, 184, 137
Decimal	3127296
CIELab	65.66, -63.19, 65.68
CIELCh	66, 91.142, 133.897
Yxy	34.8868, 0.3106, 0.5916
Android (android.graphics.Color)	4281317376 (0xFF2FB800)
YUV	122.0610, -60.1761, -65.8285
Hunter-Lab	59.0638, -48.0176, 35.5542

Details

The HunterLab color **59.0638, -48.0176, 35.5542** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **29.6337, 62.4234, -71.3801**, and the grayscale version is **44.3740, -2.3677, 2.4109**.

A 20% lighter version of the original color is **81.9509, -56.2945, 44.4325**, and **39.6239, -33.9775, 23.8212** is the 20% darker color. If you saturate the color by 10%, you get **59.0647, -48.0199, 35.5547**, and if you desaturate by 10%, it is **59.4223, -46.4340, 35.2137**.

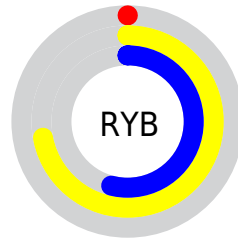
Distribution



Red (18%)

Green (72%)

Blue (0%)



Red (0%)

Yellow (72%)

Blue (54%)

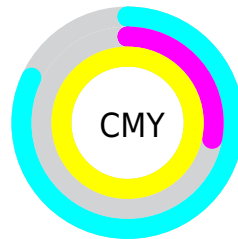


Cyan (74%)

Magenta (0%)

Yellow (100%)

Black (28%)



Cyan (82%)

Magenta (28%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 59.0638, -48.0176, 35.5542 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 59.0638, -48.0176, 35.5542 by changing the saturation by 10% instead.

■ 59.0638, -48.0176,
35.5542

■ 59.0638, -48.0176,
35.5542

180.0190,
-81.3774, 71.2658

■ 48.5548, -43.5159,
30.7662

■ 82.0429, -56.3367,
44.4804

■ 38.7546, -38.7032,
25.7324

■ 94.4413, -60.2346,
48.6713

■ 29.7201, -33.4864,
20.8041

■ 107.4081,
-63.9969, 52.7126

■ 21.5228, -27.7256,
15.0660

■ 120.9194,
-67.6444, 56.6238

■ 14.2590, -23.6370,
9.9813

■ 134.9540,
-71.1939, 60.4217

■ 7.9161, -13.8532,
5.5413

■ 149.4932,

0.0000, NaN, NaN

-74.6589, 64.1203

0.0000, NaN, NaN

164.5200,
-78.0503, 67.7316

0.0000, NaN, NaN

■ 59.0638, -48.0176,
35.5542

■ 59.0638, -48.0176,
35.5542

■ 59.0647, -48.0199,
35.5547

■ 59.4223, -46.4340,
35.2137

■ 59.9056, -44.2651,
34.4210

■ 60.5312, -41.4356,
33.0061

■ 61.3068, -37.9268,
30.9122

■ 62.2374, -33.7404,
28.1094

■ 63.3254, -28.8947,
24.5903

■ 64.5713, -23.4216,
20.3653

■ 65.9737, -17.3629,
15.4593

■ 67.5300, -10.7671,
9.9081

Harmonies

Analogous

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



59.0650, -20.7128, 39.3888



59.0638, -48.0176, 35.5542



59.0650, -60.8812, 20.2867

Triad

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



59.0650, -48.0185, 35.5544



59.0650, -23.2318, -121.3519



59.0650, 92.9954, 18.3788

Complementary

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



59.0638, -48.0176, 35.5542



29.6337, 62.4234, -71.3801

Split Complementary

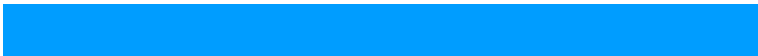
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



59.0650, 91.7837, -21.2318



59.0638, -48.0176, 35.5542



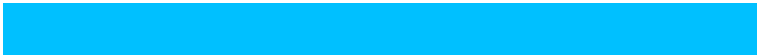
59.0650, 16.7289, -123.3001

Square

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



59.0650, -48.0185, 35.5544



59.0650, -49.4323, -74.6230



59.0650, 61.0900, -78.9048



59.0650, 64.0551, 34.9616

Rectangle

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



59.0638, -48.0176, 35.5542



59.0650, -62.4825, -2.0428



59.0650, 61.0900, -78.9048



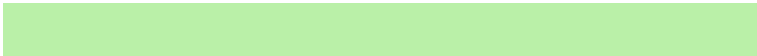
59.0650, 96.3000, 8.0300

Sweetspot

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



59.0650, -48.0185, 35.5544



86.8454, -31.9313, 27.7332



52.4426, 4.9722, 32.4013



39.9871, -16.2952, 14.0251



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.



59.0650, -48.0185, 35.5544



79.4622, -64.9088, 47.8279



58.6997, -49.2760, 33.0043



31.8873, -4.8646, 4.4900



49.0629, -39.7377, 29.5367



9.3760, -6.7730, 5.6589

Inverse Universe

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



29.6337, 62.4234, -71.3801



39.7452, 83.8486, -96.6701



34.8087, 65.1388, -20.3819



30.0736, 1.6865, -1.3109



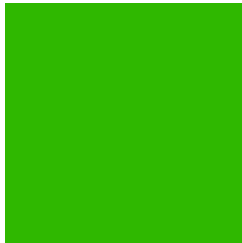
24.6708, 51.9168, -58.9980



4.9222, 10.1376, -10.0604

Previews

White Background



This preview shows how the HunterLab color 59.0638, -48.0176, 35.5542 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 59.0638, -48.0176, 35.5542 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 59.0638, -48.0176, 35.5542 Background



This preview shows how black text looks on a background with the HunterLab color 59.0638, -48.0176, 35.5542.



This preview shows how white text looks on a background with the HunterLab color 59.0638, -48.0176, 35.5542.

-48.0176, 35.5542.

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

59.0638, -48.0176, 35.5542

Protanopia

58.6344, -8.2723, 35.9854

Deuteranopia

58.3963, 4.2583, 34.1093



Tritanopia

58.9095, -20.2363, -10.2499

Trichromacy



Original Color

59.0638, -48.0176, 35.5542

Protanomaly

57.2980, -27.4897, 34.8255

Deuteranomaly

56.4271, -20.9366, 33.4372

Tritanomaly

58.1164, -35.5360, 17.7033

Monochromacy



Original Color

59.0638, -48.0176, 35.5542

Achromatopsia

44.1155, -2.3539, 2.3969

Achromatomaly

48.2014, -24.2869, 20.4105

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 59.0638, -48.0176, 35.5542 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(47, 184, 0)` looks like.

```
.text, #text, p{  
    color:rgb(47, 184, 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(47, 184, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 184, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 59.0638, -48.0176, 35.5542 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(47, 184, 0) }
```


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

```
.border{ border-color:rgb(47, 184, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 184, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 184, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 184, 0);  
box-shadow:4px 4px 4px 4px rgb(47, 184, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 59.0638, -48.0176, 35.5542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 184, 0) }
```

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

```
.background{ background-color: rgb(47, 184,  
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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