

Converting Colors

HunterLab(58.6136, -49.2069,
35.2560)

Have a look what the booklet for
HunterLab(58.6136, -49.2069,
35.2560) contains.

HunterLab(58.7604, -49.3073, 35.3447)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(58.7604,
-49.3073, 35.3447)**

Conversions

Conversions Part 1

Format	Color
Hex	1CB800
RGB	28, 184, 0
RGB Percent	11%, 72%, 0%
CMY	0.8902, 0.2784, 0.9999
CMYK	0.85, 0.00, 1.00, 0.28
HSL	111°, 100%, 36%
HSV	111°, 100%, 72%
XYZ	17.6194, 34.5278, 5.7359
YIQ	116.3800, -33.9120, -90.2960

Conversions

Conversions Part 2

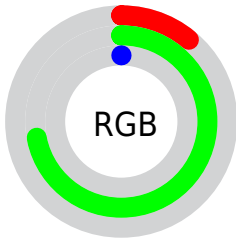
Format	Color
RYB	0, 184, 156
Decimal	1882112
CIELab	65.38, -65.68, 65.33
CIElCh	65, 92.641, 135.151
Yxy	34.5293, 0.3044, 0.5965
Android (android.graphics.Color)	4280072192 (0xFF1CB800)
YUV	116.3800, -57.3753, -77.5093
Hunter-Lab	58.7604, -49.3073, 35.3447

Details

The HunterLab color **58.7604, -49.3073, 35.3447** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **32.4520, 66.2361, -61.6970**, and the grayscale version is **42.1628, -2.2497, 2.2908**.

A 20% lighter version of the original color is **81.5918, -57.7747, 44.1630**, and **39.6239, -33.9775, 23.8212** is the 20% darker color. If you saturate the color by 10%, you get **58.7614, -49.3091, 35.3453**, and if you desaturate by 10%, it is **59.0374, -48.0593, 34.9443**.

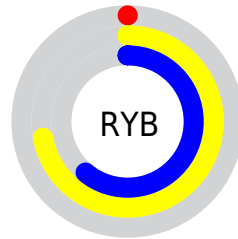
Distribution



Red (11%)

Green (72%)

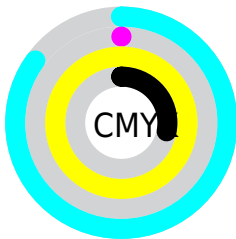
Blue (0%)



Red (0%)

Yellow (72%)

Blue (61%)

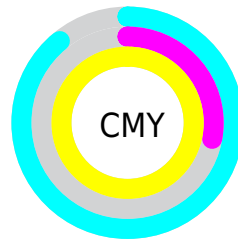


Cyan (85%)

Magenta (0%)

Yellow (100%)

Black (28%)



Cyan (89%)

Magenta (28%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.7604, -49.3073, 35.3447 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 58.7604, -49.3073, 35.3447 by changing the saturation by 10% instead.

■ 58.7604, -49.3073,
35.3447

■ 58.7604, -49.3073,
35.3447

179.5789,
-83.8472, 70.9245

■ 48.2706, -44.6262,
30.5720

■ 81.7043, -57.9445,
44.2399

■ 38.4910, -39.6163,
25.5536

■ 94.0864, -61.9857,
48.4156

■ 29.4789, -34.1799,
20.6352

■ 107.0377,
-65.8830, 52.4418

■ 21.3063, -28.1712,
14.9144

■ 120.5340,
-69.6584, 56.3382

■ 14.0703, -24.4326,
9.8492

■ 134.5543,
-73.3295, 60.1217

■ 7.7179, -13.5063,
5.4025

■ 149.0795,

0.0000, NaN, NaN

-76.9105, 63.8062

0.0000, NaN, NaN

164.0929,
-80.4132, 67.4037

0.0000, NaN, NaN

■ 58.7604, -49.3073,
35.3447

■ 58.7604, -49.3073,
35.3447

■ 58.7614, -49.3091,
35.3453

■ 59.0374, -48.0593,
34.9443

■ 59.4566, -46.1428,
34.0985

■ 60.0403, -43.4624,
32.6391

■ 60.7995, -39.9878,
30.5120

■ 61.7415, -35.7163,
27.6920

■ 62.8702, -30.6686,
24.1783

■ 64.1864, -24.8840,
19.9890

■ 65.6888, -18.4160,
15.1578

■ 67.3738, -11.3276,
9.7295

Harmonies

Analogous

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



58.7616, -22.3916, 39.3232



58.7604, -49.3073, 35.3447



58.7616, -61.6569, 19.3799

Triad

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



58.7616, -49.3081, 35.3449



58.7616, -22.0414, -125.6465



58.7616, 94.1918, 19.6437

Complementary

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



58.7604, -49.3073, 35.3447



32.4520, 66.2361, -61.6970

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.



58.7616, 94.3621, -19.4989



58.7604, -49.3073, 35.3447



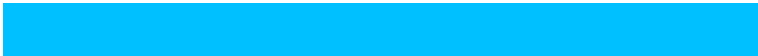
58.7616, 18.9648, -125.3707

Square

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



58.7616, -49.3081, 35.3449



58.7616, -49.1128, -78.9015



58.7616, 64.0025, -78.2969



58.7616, 63.5866, 35.4247

Rectangle

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



58.7604, -49.3073, 35.3447



58.7616, -62.9295, -3.9561



58.7616, 64.0025, -78.2969



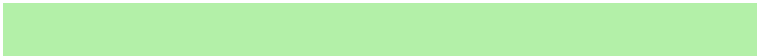
58.7616, 98.0383, 9.5532

Sweetspot

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



58.7616, -49.3081, 35.3449



86.3216, -33.9245, 27.2225



57.5191, -3.7887, 35.3761



39.7236, -17.3087, 13.7765



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.



58.7616, -49.3081, 35.3449



79.0740, -66.5602, 47.5598



58.8414, -48.3891, 30.9127



31.8181, -5.1123, 4.4102



48.8018, -40.8469, 29.3564



9.2758, -7.1913, 5.5898

Inverse Universe

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



32.4520, 66.2361, -61.6970



43.5940, 89.0463, -83.3809



34.0780, 62.5291, -10.3239



30.1524, 1.9518, -1.2056



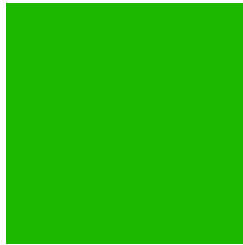
26.9852, 55.0512, -51.0752



5.2501, 10.5924, -9.0217

Previews

White Background



This preview shows how the HunterLab color 58.7604, -49.3073, 35.3447 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 58.7604, -49.3073, 35.3447 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 58.7604, -49.3073, 35.3447 Background



This preview shows how black text looks on a background with the HunterLab color 58.7604, -49.3073, 35.3447.



This preview shows how white text looks on a background with the HunterLab color 58.7604, -49.3073, 35.3447.

-49.3073, 35.3447.

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

58.7604, -49.3073, 35.3447

Protanopia

58.2398, -8.1731, 35.7440

Deuteranopia

58.0119, 4.3852, 33.7718



Tritanopia

58.6327, -21.2822, -10.6569

Trichromacy



Original Color

58.7604, -49.3073, 35.3447



Protanomaly

56.4344, -29.2157, 34.2631



Deuteranomaly

55.8078, -23.3017, 33.0035



Tritanomaly

57.7779, -36.9071, 17.3682

Monochromacy



Original Color

58.7604, -49.3073, 35.3447



Achromatopsia

41.7908, -2.2299, 2.2706



Achromatomaly

46.2914, -25.4178, 19.7819

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.7604, -49.3073, 35.3447 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(28, 184, 0)` looks like.

```
.text, #text, p{  
    color:rgb(28, 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(28, 184, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 184, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 58.7604, -49.3073, 35.3447 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(28, 184, 0) }
```


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

```
.border{ border-color:rgb(28, 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(28, 184, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 184, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 184, 0);  
box-shadow:4px 4px 4px 4px rgb(28, 184, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 58.7604, -49.3073, 35.3447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 184, 0) }
```

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

```
.background{ background-color: rgb(28, 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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