

Converting Colors

HunterLab(58.9757, -50.0694,
34.3733)

Have a look what the booklet for
HunterLab(58.9757, -50.0694,
34.3733) contains.

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Color

**HunterLab(58.9761,
-50.0645, 34.3599)**

Conversions

Conversions Part 1

Format	Color
Hex	00B91C
RGB	0, 185, 28
RGB Percent	0%, 73%, 11%
CMY	1.0000, 0.2745, 0.8902
CMYK	1.00, 0.00, 0.85, 0.27
HSL	129°, 100%, 36%
HSV	129°, 100%, 73%
XYZ	17.5586, 34.7818, 6.8867
YIQ	111.7870, -59.8630, -88.0470

Conversions

Conversions Part 2

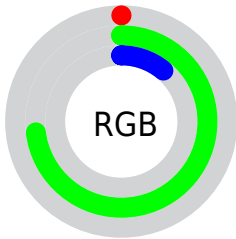
Format	Color
RYB	0, 161, 185
Decimal	47388
CIELab	65.58, -66.87, 60.97
CIELCh	66, 90.487, 137.643
Yxy	34.7832, 0.2965, 0.5873
Android (android.graphics.Color)	4278237468 (0xFF00B91C)
YUV	111.7870, -41.3070, -98.0372
Hunter-Lab	58.9761, -50.0645, 34.3599

Details

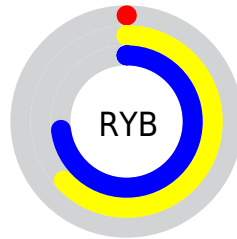
The HunterLab color **58.9761, -50.0645, 34.3599** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **35.7056, 67.9640, -29.7734**, and the grayscale version is **40.3423, -2.1526, 2.1919**.

A 20% lighter version of the original color is **81.7689, -58.7032, 42.6635**, and **39.9566, -34.2627, 24.0212** is the 20% darker color. If you saturate the color by 10%, you get **58.9773, -50.0653, 34.3602**, and if you desaturate by 10%, it is **59.1714, -49.0757, 33.2430**.

Distribution



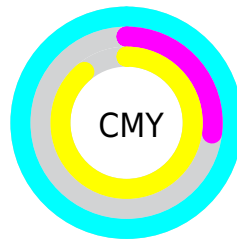
- Red (0%)
- Green (73%)
- Blue (11%)



- Red (0%)
- Yellow (63%)
- Blue (73%)



- Cyan (100%)
- Magenta (0%)
- Yellow (85%)
- Black (27%)





- Cyan (100%)
- Magenta (27%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 58.9761, -50.0645, 34.3599 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 58.9761, -50.0645, 34.3599 by changing the saturation by 10% instead.


 58.9761, -50.0645,
34.3599


 58.9761, -50.0645,
34.3599


179.8918,
-85.1318, 67.8112


 48.4726, -45.3070,
29.8767


 81.9450, -58.8402,
42.7059

 38.6783, -40.2150,
25.1474


 94.3387, -62.9449,
46.6249


 29.6503, -34.6897,
20.7023


 107.3010,
-66.9024, 50.4060

 21.4602, -28.5847,
15.0221

 120.8080,
-70.7353, 54.0683

 14.2044, -24.7696,
9.9431

 134.8385,
-74.4614, 57.6277

 7.8593, -13.7538,
5.5015

 149.3736,

0.0000, NaN, NaN

-78.0953, 61.0975

0.0000, NaN, NaN

164.3965,
-81.6488, 64.4888

0.0000, NaN, NaN

■ 58.9761, -50.0645,
34.3599

■ 58.9761, -50.0645,
34.3599

■ 58.9773, -50.0653,
34.3602

■ 59.1714, -49.0757,
33.2430

■ 59.5086, -47.4100,
31.6610

■ 60.0294, -44.9070,
29.6100

■ 60.7514, -41.5160,
27.0911

■ 61.6862, -37.2245,
24.1200

■ 62.8405, -32.0518,
20.7257

■ 64.2170, -26.0436,
16.9474

■ 65.8146, -19.2652,
12.8313

■ 67.6291, -11.7945,
8.4269

Harmonies

Analogous

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



58.9773, -24.7836, 39.0785



58.9761, -50.0645, 34.3599



58.9773, -61.2283, 16.8701

Triad

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



58.9773, -50.0653, 34.3601



58.9773, -18.7873, -123.1266



58.9773, 89.9902, 21.4212

Complementary

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



58.9761, -50.0645, 34.3599



35.7056, 67.9640, -29.7734

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.



58.9773, 92.8632, -14.7795



58.9761, -50.0645, 34.3599



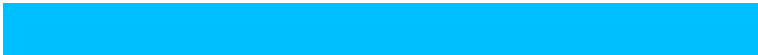
58.9773, 22.1354, -118.5193

Square

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



58.9773, -50.0653, 34.3601



58.9773, -46.6927, -80.9947



58.9773, 65.4743, -70.8577



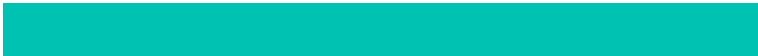
58.9773, 58.4392, 35.7871

Rectangle

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



58.9761, -50.0645, 34.3599



58.9773, -61.8436, -7.4228



58.9773, 65.4743, -70.8577



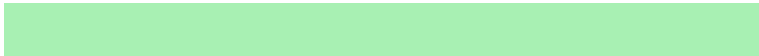
58.9773, 94.5961, 12.1710

Sweetspot

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



58.9773, -50.0653, 34.3601



85.8412, -35.2725, 22.9392



64.7248, -26.9379, 39.4115



39.4849, -17.9890, 11.6553



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.



58.9773, -50.0653, 34.3601



78.9131, -67.0838, 46.1801



60.0513, -43.3957, 18.6201



31.7517, -5.2828, 3.8070



48.6726, -41.2668, 28.2465



9.1771, -7.5073, 4.7356

Inverse Universe

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



35.7056, 67.9640, -29.7734



47.7538, 90.8500, -39.4528



32.7009, 57.1595, 12.1517



30.2303, 2.1338, -0.4860



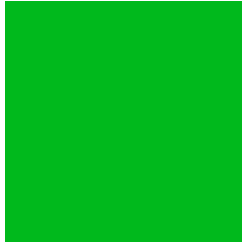
29.4773, 56.1323, -24.7626



5.5921, 10.7413, -5.4151

Previews

White Background



This preview shows how the HunterLab color 58.9761, -50.0645, 34.3599 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 58.9761, -50.0645, 34.3599 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 58.9761, -50.0645, 34.3599 Background



This preview shows how black text looks on a background with the HunterLab color 58.9761, -50.0645, 34.3599.



This preview shows how white text looks on a background with the HunterLab color 58.9761, -50.0645, 34.3599.

-50.0645, 34.3599.

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

58.9761, -50.0645, 34.3599

Protanopia

58.2831, -7.9320, 35.1017

Deuteranopia

58.3368, 4.1735, 33.1780



Tritanopia

58.8456, -22.0617, -10.9311

Trichromacy



Original Color

58.9761, -50.0645, 34.3599



Protanomaly

56.1942, -31.7373, 33.2157



Deuteranomaly

55.4888, -26.0076, 31.4951



Tritanomaly

58.0364, -37.1250, 13.8943

Monochromacy



Original Color

58.9761, -50.0645, 34.3599



Achromatopsia

40.2529, -2.1478, 2.1870



Achromatomaly

45.1652, -26.4106, 17.1491

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.9761, -50.0645, 34.3599 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, 185, 28)` looks like.

```
.text, #text, p{  
    color:rgb(0, 185, 28)  
}
```

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, 185, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 185, 28) }
```

Border

The CSS property to change the border of an element to HunterLab 58.9761, -50.0645, 34.3599 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, 185, 28) }
```


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

```
.border{ border-color:rgb(0, 185, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 185, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 185, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 185, 28);  
box-shadow:4px 4px 4px 4px rgb(0, 185, 28)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 58.9761, -50.0645, 34.3599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 185, 28) }
```

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

```
.background{ background-color: rgb(0, 185,  
28) }
```

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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