

Converting Colors

HunterLab(59.1095, -49.9344,
34.6513)

Have a look what the booklet for
HunterLab(59.1095, -49.9344,
34.6513) contains.

HunterLab(59.0307, -49.8541, 34.5779)	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(59.0307,
-49.8541, 34.5779)**

Conversions

Conversions Part 1

Format	Color
Hex	0CB919
RGB	12, 185, 25
RGB Percent	5%, 73%, 10%
CMY	0.9529, 0.2745, 0.9019
CMYK	0.94, 0.00, 0.86, 0.27
HSL	125°, 88%, 39%
HSV	125°, 94%, 73%
XYZ	17.6760, 34.8462, 6.7141
YIQ	115.0330, -51.7480, -86.4360

Conversions

Conversions Part 2

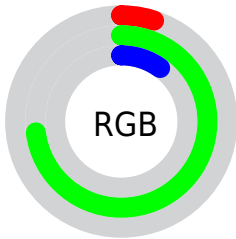
Format	Color
RYB	12, 173, 185
Decimal	833817
CIELab	65.63, -66.45, 61.72
CIELCh	66, 90.694, 137.112
Yxy	34.8477, 0.2984, 0.5883
Android (android.graphics.Color)	4279023897 (0xFF0CB919)
YUV	115.0330, -44.3863, -90.3599
Hunter-Lab	59.0307, -49.8541, 34.5779

Details

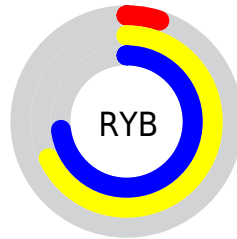
The HunterLab color **59.0307, -49.8541, 34.5779** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **36.8183, 69.3060, -38.9442**, and the grayscale version is **41.5991, -2.2196, 2.2602**.

A 20% lighter version of the original color is **81.8640, -58.3295, 42.8926**, and **39.9566, -34.2627, 24.0212** is the 20% darker color. If you saturate the color by 10%, you get **58.9328, -50.3442, 35.0179**, and if you desaturate by 10%, it is **59.2882, -48.5986, 33.4806**.

Distribution



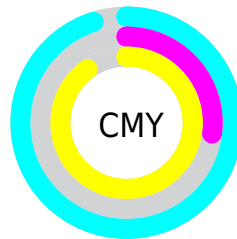
- Red (5%)
- Green (73%)
- Blue (10%)



- Red (5%)
- Yellow (68%)
- Blue (73%)



- Cyan (94%)
- Magenta (0%)
- Yellow (86%)
- Black (27%)





- Cyan (95%)
- Magenta (27%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 59.0307, -49.8541, 34.5779 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 59.0307, -49.8541, 34.5779 by changing the saturation by 10% instead.


 59.0307, -49.8541,
34.5779


 59.0307, -49.8541,
34.5779


179.9710,
-84.7223, 68.3889


 48.5238, -45.1269,
30.0460


 82.0059, -58.5760,
43.0163

 38.7258, -40.0682,
25.2675


 94.4026, -62.6565,
46.9785


 29.6937, -34.5801,
20.7856


 107.3677,
-66.5913, 50.8010

 21.4991, -28.5169,
15.0494

 120.8773,
-70.4026, 54.5029

 14.2384, -24.6355,
9.9668

 134.9104,
-74.1082, 58.1002

 7.8947, -13.8157,
5.5263

 149.4481,

0.0000, NaN, NaN

-77.7225, 61.6064

0.0000, NaN, NaN

164.4734,
-81.2573, 65.0328

0.0000, NaN, NaN

■ 59.0307, -49.8541,
34.5779

■ 59.0307, -49.8541,
34.5779

■ 58.9328, -50.3442,
35.0179

■ 59.2882, -48.5986,
33.4806

■ 59.7247, -46.5025,
31.8496

■ 60.3629, -43.4912,
29.6575

■ 61.2176, -39.5332,
26.8995

■ 62.2979, -34.6344,
23.5905

■ 63.6082, -28.8322,
19.7626

■ 65.1486, -22.1883,
15.4602

■ 66.9160, -14.7814,
10.7364

■ 68.9043, -6.6998,
5.6483

Harmonies

Analogous

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



59.0319, -24.2560, 39.1624



59.0307, -49.8541, 34.5779



59.0319, -61.2677, 17.3973

Triad

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



59.0319, -49.8549, 34.5781



59.0319, -19.4534, -123.1629



59.0319, 90.5972, 21.0401

Complementary

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



59.0307, -49.8541, 34.5779



36.8183, 69.3060, -38.9442

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.



59.0319, 92.9010, -15.6947



59.0307, -49.8541, 34.5779



59.0319, 21.4066, -119.4657

Square

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



59.0319, -49.8549, 34.5781



59.0319, -47.1553, -80.2622



59.0319, 64.9819, -72.1303



59.0319, 59.3420, 35.7173

Rectangle

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



59.0307, -49.8541, 34.5779



59.0319, -62.0229, -6.6548



59.0319, 64.9819, -72.1303



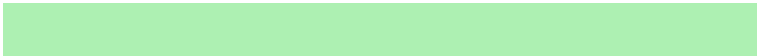
59.0319, 95.0306, 11.6260

Sweetspot

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



59.0319, -49.8549, 34.5781



86.1279, -34.2235, 23.6110



66.0785, -21.7563, 40.0243



39.5919, -17.6158, 12.0842



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.



59.0319, -49.8549, 34.5781



78.8590, -67.4235, 46.9811



59.9199, -44.3342, 21.5397



31.7345, -5.3789, 4.0533



48.6333, -41.5136, 28.8285



9.1515, -7.6671, 5.1124

Inverse Universe

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



36.8183, 69.3060, -38.9442



48.7126, 94.2122, -52.1677



33.5637, 57.5142, 5.7728



30.2502, 2.2403, -0.7684



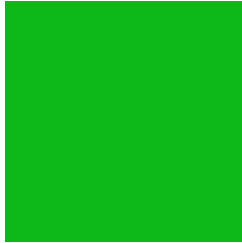
30.0536, 58.1525, -32.3994



5.6736, 11.0260, -6.4872

Previews

White Background



This preview shows how the HunterLab color 59.0307, -49.8541, 34.5779 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 59.0307, -49.8541, 34.5779 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 59.0307, -49.8541, 34.5779 Background



This preview shows how black text looks on a background with the HunterLab color 59.0307, -49.8541, 34.5779.



This preview shows how white text looks on a background with the HunterLab color 59.0307, -49.8541, 34.5779.

-49.8541, 34.5779.

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

59.0307, -49.8541, 34.5779

Protanopia

58.5651, -8.4560, 35.4432

Deuteranopia

58.3230, 4.0994, 33.3825



Tritanopia

58.8812, -21.9264, -10.8785

Trichromacy



Original Color

59.0307, -49.8541, 34.5779



Protanomaly

56.4835, -30.6126, 33.6222



Deuteranomaly

55.7496, -25.0311, 31.9642



Tritanomaly

58.1041, -36.9406, 14.6683

Monochromacy



Original Color

59.0307, -49.8541, 34.5779



Achromatopsia

41.4054, -2.2093, 2.2496



Achromatomaly

45.8095, -25.4471, 17.4504

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 59.0307, -49.8541, 34.5779 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(12, 185, 25)` looks like.

```
.text, #text, p{  
    color:rgb(12, 185, 25)  
}
```

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(12, 185, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 185, 25) }
```

Border

The CSS property to change the border of an element to HunterLab 59.0307, -49.8541, 34.5779 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(12, 185, 25) }
```


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

```
.border{ border-color:rgb(12, 185, 25) }
```

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

Here you see how a box with a 4 pixel rgb(12, 185, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 185, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 185, 25);  
box-shadow:4px 4px 4px 4px rgb(12, 185,  
25) }
```

Background

The CSS property to change the background color of an element to HunterLab 59.0307, -49.8541, 34.5779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 185, 25) }
```

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

```
.background{ background-color: rgb(12, 185,  
25) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor