

Converting Colors

HunterLab(58.7159, -49.3850,
34.4433)

Have a look what the booklet for
HunterLab(58.7159, -49.3850,
34.4433) contains.

HunterLab(58.7159, -49.3850, 34.4433)	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(58.7159,
-49.3850, 34.4433)**

Conversions

Conversions Part 1

Format	Color
Hex	12B818
RGB	18, 184, 24
RGB Percent	7%, 72%, 9%
CMY	0.9294, 0.2784, 0.9058
CMYK	0.90, 0.00, 0.87, 0.28
HSL	122°, 82%, 40%
HSV	122°, 90%, 72%
XYZ	17.5548, 34.4756, 6.5934
YIQ	116.1260, -47.5760, -84.9520

Conversions

Conversions Part 2

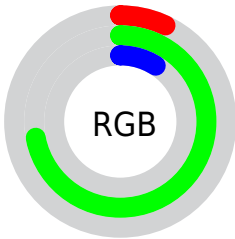
Format	Color
RYB	18, 178, 184
Decimal	1226776
CIELab	65.34, -65.85, 61.70
CIELCh	65, 90.240, 136.864
Yxy	34.4770, 0.2994, 0.5881
Android (android.graphics.Color)	4279416856 (0xFF12B818)
YUV	116.1260, -45.4181, -86.0565
Hunter-Lab	58.7159, -49.3850, 34.4433

Details

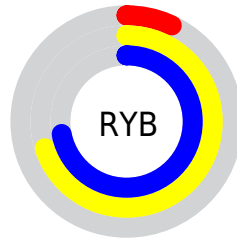
The HunterLab color **58.7159, -49.3850, 34.4433** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **37.1989, 69.3552, -42.9924**, and the grayscale version is **42.0237, -2.2423, 2.2832**.

A 20% lighter version of the original color is **81.5267, -57.8769, 42.8204**, and **39.6239, -33.9775, 23.8212** is the 20% darker color. If you saturate the color by 10%, you get **58.5636, -50.1293, 35.0154**, and if you desaturate by 10%, it is **59.0170, -47.9420, 33.3501**.

Distribution



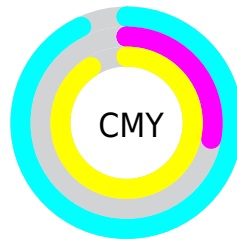
- Red (7%)
- Green (72%)
- Blue (9%)



- Red (7%)
- Yellow (70%)
- Blue (72%)



- Cyan (90%)
- Magenta (0%)
- Yellow (87%)
- Black (28%)



- Cyan (93%)
- Magenta (28%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.7159, -49.3850, 34.4433 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 58.7159, -49.3850, 34.4433 by changing the saturation by 10% instead.

■ 58.7159, -49.3850,
34.4433

■ 58.7159, -49.3850,
34.4433

179.5143,
-84.0090, 68.2744

■ 48.2289, -44.6908,
29.9062

■ 81.6546, -58.0451,
42.8897

■ 38.4523, -39.6664,
25.1219

■ 94.0344, -62.0966,
46.8549

■ 29.4435, -34.2137,
20.6105

■ 106.9833,
-66.0035, 50.6798

■ 21.2745, -28.1864,
14.8922

■ 120.4774,
-69.7880, 54.3837

■ 14.0427, -24.4919,
9.8299

■ 134.4956,
-73.4677, 57.9826

■ 7.6884, -13.4546,
5.3818

■ 149.0188,

0.0000, NaN, NaN

-77.0569, 61.4901

0.0000, NaN, NaN

164.0302,
-80.5674, 64.9174

0.0000, NaN, NaN

■ 58.7159, -49.3850,
34.4433

■ 58.7159, -49.3850,
34.4433

■ 58.5636, -50.1293,
35.0154

■ 59.0170, -47.9420,
33.3501

■ 59.5061, -45.6183,
31.6810

■ 60.2043, -42.3496,
29.4028

■ 61.1249, -38.1139,
26.5084

■ 62.2757, -32.9266,
23.0132

■ 63.6599, -26.8336,
18.9512

■ 65.2765, -19.9042,
14.3704

■ 67.1212, -12.2228,
9.3276

■ 69.1872, -3.8817,
3.8837

Harmonies

Analogous

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



58.7171, -23.8270, 38.9522



58.7159, -49.3850, 34.4433



58.7171, -60.8378, 17.5120

Triad

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



58.7171, -49.3858, 34.4435



58.7171, -19.6144, -122.0427



58.7171, 90.0984, 20.7082

Complementary

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



58.7159, -49.3850, 34.4433



37.1989, 69.3552, -42.9924

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.



58.7171, 92.1177, -15.9831



58.7159, -49.3850, 34.4433



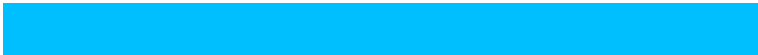
58.7171, 20.8873, -118.8036

Square

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



58.7171, -49.3858, 34.4435



58.7171, -47.0170, -79.1993



58.7171, 64.1997, -72.0737



58.7171, 59.2556, 35.4447

Rectangle

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



58.7159, -49.3850, 34.4433



58.7171, -61.6530, -6.2395



58.7171, 64.1997, -72.0737



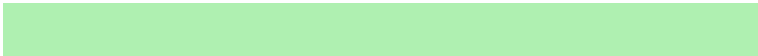
58.7171, 94.4122, 11.2865

Sweetspot

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



58.7171, -49.3858, 34.4435



86.2802, -33.6562, 23.8767



66.2169, -19.5936, 39.9471



39.7380, -17.0239, 12.0125



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.



58.7171, -49.3858, 34.4435



78.8433, -67.5221, 47.2134



59.5507, -44.2043, 22.1991



31.7258, -5.4278, 4.1785



48.6195, -41.6006, 29.0336



9.1384, -7.7493, 5.3062

Inverse Universe

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



37.1989, 69.3552, -42.9924



49.2379, 96.0414, -59.0353



33.8500, 57.1503, 2.6992



30.2605, 2.2951, -0.9138



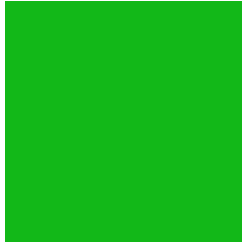
30.3686, 59.2494, -36.5168



5.7173, 11.1779, -7.0562

Previews

White Background



This preview shows how the HunterLab color 58.7159, -49.3850, 34.4433 looks on a white background.

Color Contrast Check

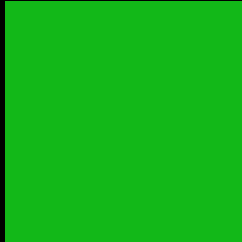
Large Text (above 18pt) WCAG AA × Fail

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 58.7159, -49.3850, 34.4433 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 58.7159, -49.3850, 34.4433 Background



This preview shows how black text looks on a background with the HunterLab color 58.7159, -49.3850, 34.4433.



This preview shows how white text looks on a background with the HunterLab color 58.7159, -49.3850, 34.4433.

-49.3850, 34.4433.

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

58.7159, -49.3850, 34.4433

Protanopia

58.1681, -8.3694, 35.2358

Deuteranopia

57.9331, 4.1970, 33.1263



Tritanopia

58.5221, -21.7017, -10.8202

Trichromacy



Original Color

58.7159, -49.3850, 34.4433



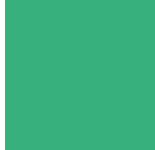
Protanomaly

56.2166, -29.9986, 33.5117



Deuteranomaly

55.5753, -24.0717, 31.8675



Tritanomaly

57.7908, -36.5112, 14.7205

Monochromacy



Original Color

58.7159, -49.3850, 34.4433



Achromatopsia

41.7908, -2.2299, 2.2706



Achromatomaly

46.2383, -25.3479, 17.5544

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.7159, -49.3850, 34.4433 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(18, 184, 24)` looks like.

```
.text, #text, p{  
    color:rgb(18, 184, 24)  
}
```

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(18, 184, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 184, 24) }
```

Border

The CSS property to change the border of an element to HunterLab 58.7159, -49.3850, 34.4433 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(18, 184, 24) }
```


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

```
.border{ border-color:rgb(18, 184, 24) }
```

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

Here you see how a box with a 4 pixel rgb(18, 184, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 184, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 184, 24);  
box-shadow:4px 4px 4px 4px rgb(18, 184,  
24) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.7159, -49.3850, 34.4433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 184, 24) }
```

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

```
.background{ background-color: rgb(18, 184,  
24) }
```

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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