

Converting Colors

HunterLab(59.2764, -49.8960,
34.8854)

Have a look what the booklet for
HunterLab(59.2764, -49.8960,
34.8854) contains.

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Color

**HunterLab(59.4257,
-50.0108, 34.9850)**

Conversions

Conversions Part 1

Format	Color
Hex	13BA16
RGB	19, 186, 22
RGB Percent	7%, 73%, 9%
CMY	0.9255, 0.2706, 0.9137
CMYK	0.90, 0.00, 0.88, 0.27
HSL	121°, 81%, 40%
HSV	121°, 90%, 73%
XYZ	17.9723, 35.3141, 6.6281
YIQ	117.3710, -46.8880, -86.4080

Conversions

Conversions Part 2

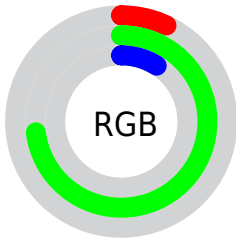
Format	Color
RYB	19, 183, 186
Decimal	1292822
CIELab	65.99, -66.43, 62.69
CIELCh	66, 91.341, 136.660
Yxy	35.3156, 0.3000, 0.5894
Android (android.graphics.Color)	4279482902 (0xFF13BA16)
YUV	117.3710, -47.0179, -86.2714
Hunter-Lab	59.4257, -50.0108, 34.9850

Details

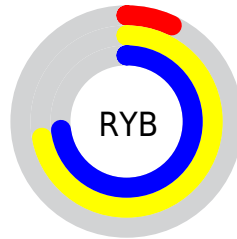
The HunterLab color **59.4257, -50.0108, 34.9850** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **37.8469, 70.6836, -45.6173**, and the grayscale version is **42.5104, -2.2683, 2.3097**.

A 20% lighter version of the original color is **82.2801, -58.5167, 43.4832**, and **40.2897, -34.5484, 24.2215** is the 20% darker color. If you saturate the color by 10%, you get **59.2705, -50.7639, 35.5259**, and if you desaturate by 10%, it is **59.7317, -48.5526, 33.9393**.

Distribution



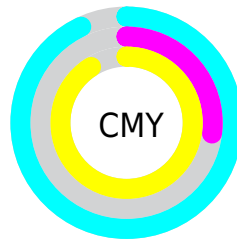
- Red (7%)
- Green (73%)
- Blue (9%)



- Red (7%)
- Yellow (72%)
- Blue (73%)



- Cyan (90%)
- Magenta (0%)
- Yellow (88%)
- Black (27%)





- Cyan (93%)
- Magenta (27%)
- Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 59.4257, -50.0108, 34.9850 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 59.4257, -50.0108, 34.9850 by changing the saturation by 10% instead.


 59.4257, -50.0108,
34.9850


 59.4257, -50.0108,
34.9850


180.5434,
-84.8290, 69.2208


 48.8939, -45.2955,
30.3984


 82.4466, -58.7152,
43.5294


 39.0691, -40.2516,
25.5653


 94.8644, -62.7889,
47.5421


 30.0081, -34.7827,
21.0057


 107.8497,
-66.7179, 51.4133

 21.7815, -28.7454,
15.2471

 121.3787,
-70.5242, 55.1623

 14.4847, -24.5943,
10.1393

 135.4305,
-74.2254, 58.8050

 8.1458, -14.2551,
5.7020

 149.9862,

0.0000, NaN, NaN

-77.8358, 62.3550

0.0000, NaN, NaN

165.0289,
-81.3671, 65.8237

0.0000, NaN, NaN

■ 59.4257, -50.0108,
34.9850

■ 59.4257, -50.0108,
34.9850

■ 59.2705, -50.7639,
35.5259

■ 59.7317, -48.5526,
33.9393

■ 59.2676, -50.7777,
35.5352

■ 60.2302, -46.1916,
32.2930

■ 60.9427, -42.8612,
30.0064

■ 61.8828, -38.5386,
27.0682

■ 63.0586, -33.2401,
23.4920

■ 64.4731, -27.0133,
19.3117

■ 66.1252, -19.9297,
14.5764

■ 68.0106, -12.0766,
9.3450

■ 70.1219, -3.5493,
3.6815

Harmonies

Analogous

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



59.4269, -23.9663, 39.4771



59.4257, -50.0108, 34.9850



59.4269, -61.7130, 17.9616

Triad

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



59.4269, -50.0116, 34.9852



59.4269, -20.1563, -124.1459



59.4269, 91.7907, 20.8491

Complementary

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



59.4257, -50.0108, 34.9850



37.8469, 70.6836, -45.6173

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.



59.4269, 93.6213, -16.6076



59.4257, -50.0108, 34.9850



59.4269, 20.9395, -121.2050

Square

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



59.4269, -50.0116, 34.9852



59.4269, -47.8718, -80.2465



59.4269, 65.0375, -73.7807



59.4269, 60.5572, 35.8848

Rectangle

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



59.4257, -50.0108, 34.9850



59.4269, -62.5930, -6.0526



59.4269, 65.0375, -73.7807



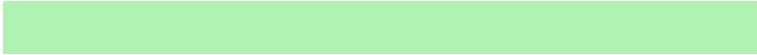
59.4269, 96.1087, 11.2295

Sweetspot

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



59.4269, -50.0116, 34.9852



87.2909, -34.2370, 24.5726



67.2759, -18.8781, 40.5816



40.6278, -17.5223, 12.5062



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.4269, -50.0116, 34.9852



79.7889, -68.3762, 47.8753



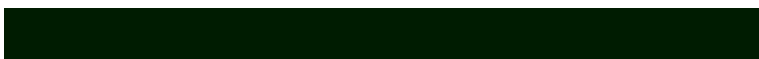
60.2357, -44.9819, 23.0990



31.7217, -5.4505, 4.2367



48.6131, -41.6406, 29.1280



9.1323, -7.7876, 5.3967

Inverse Universe

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



37.8469, 70.6836, -45.6173



50.0876, 98.0869, -63.0624



34.3801, 58.0557, 1.5322



30.2653, 2.3208, -0.9817



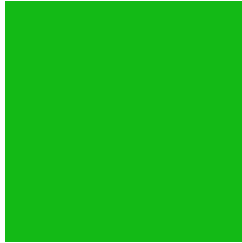
30.5199, 59.7742, -38.4798



5.7381, 11.2500, -7.3257

Previews

White Background



This preview shows how the HunterLab color 59.4257, -50.0108, 34.9850 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 59.4257, -50.0108, 34.9850 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 59.4257, -50.0108, 34.9850 Background



This preview shows how black text looks on a background with the HunterLab color 59.4257, -50.0108, 34.9850.



This preview shows how white text looks on a background with the HunterLab color 59.4257, -50.0108, 34.9850.

-50.0108, 34.9850.

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

59.4257, -50.0108, 34.9850

Protanopia

58.6571, -8.1464, 35.6500

Deuteranopia

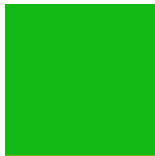
58.8235, 4.3579, 33.8207



Tritanopia

59.2767, -22.0145, -10.8836

Trichromacy



Original Color

59.4257, -50.0108, 34.9850



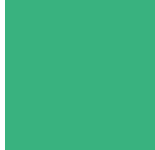
Protanomaly

56.9897, -30.3029, 34.0763



Deuteranomaly

56.3496, -24.3576, 32.4544



Tritanomaly

58.5175, -37.0102, 15.0665

Monochromacy



Original Color

59.4257, -50.0108, 34.9850



Achromatopsia

42.1768, -2.2504, 2.2915



Achromatomaly

46.5881, -25.6309, 18.0996

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 59.4257, -50.0108, 34.9850 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(19, 186, 22)` looks like.

```
.text, #text, p{  
    color:rgb(19, 186, 22)  
}
```

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(19, 186, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 186, 22) }
```

Border

The CSS property to change the border of an element to HunterLab 59.4257, -50.0108, 34.9850 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(19, 186, 22) }
```


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

```
.border{ border-color:rgb(19, 186, 22) }
```

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

Here you see how a box with a 4 pixel rgb(19, 186, 22) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 186, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 186, 22);  
box-shadow:4px 4px 4px 4px rgb(19, 186,  
22) }
```

Background

The CSS property to change the background color of an element to HunterLab 59.4257, -50.0108, 34.9850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 186, 22) }
```

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

```
.background{ background-color: rgb(19, 186,  
22) }
```

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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