

Converting Colors

HunterLab(49.8864, -34.6183,
17.1886)

Have a look what the booklet for
HunterLab(49.8864, -34.6183,
17.1886) contains.

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Color

**HunterLab(50.0345,
-34.7938, 17.3927)**

Conversions

Conversions Part 1

Format	Color
Hex	279C5F
RGB	39, 156, 95
RGB Percent	15%, 61%, 37%
CMY	0.8470, 0.3882, 0.6274
CMYK	0.75, 0.00, 0.39, 0.39
HSL	149°, 60%, 38%
HSV	149°, 75%, 61%
XYZ	14.7908, 25.0345, 14.8791
YIQ	114.0630, -50.1510, -43.7750

Conversions

Conversions Part 2

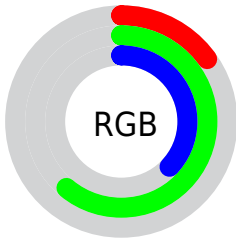
Format	Color
R_{YB}	39, 118, 156
Decimal	2595935
CIE _{Lab}	57.11, -46.19, 23.04
CIE _{LCh}	57, 51.612, 153.493
Yxy	25.0355, 0.2704, 0.4576
Android (android.graphics.Color)	4280786015 (0xFF279C5F)
YUV	114.0630, -9.3981, -65.8303
Hunter-Lab	50.0345, -34.7938, 17.3927

Details

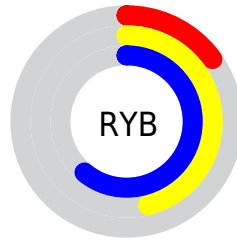
The HunterLab color **50.0345, -34.7938, 17.3927** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **30.7240, 43.4711, -3.5754**, and the grayscale version is **41.0948, -2.1927, 2.2328**.

A 20% lighter version of the original color is **71.7556, -41.0879, 21.0263**, and **31.4863, -24.5800, 13.7059** is the 20% darker color. If you saturate the color by 10%, you get **49.6496, -36.6744, 19.2178**, and if you desaturate by 10%, it is **50.5578, -32.3471, 15.4971**.

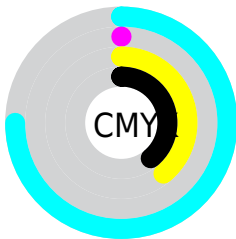
Distribution



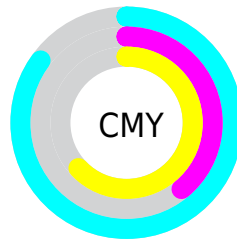
- Red (15%)
- Green (61%)
- Blue (37%)



- Red (15%)
- Yellow (46%)
- Blue (61%)



- Cyan (75%)
- Magenta (0%)
- Yellow (39%)
- Black (39%)



- Cyan (85%)
- Magenta (39%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.0345, -34.7938, 17.3927 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 50.0345, -34.7938, 17.3927 by changing the saturation by 10% instead.

■ 50.0345, -34.7938,
17.3927

■ 50.0345, -34.7938,
17.3927

166.7378,
-61.0744, 33.4191

■ 40.1292, -31.2672,
15.4000

■ 71.9130, -41.3016,
21.1684

■ 30.9797, -27.4806,
13.3010

■ 83.8039, -44.3557,
22.9846

■ 22.6558, -23.3380,
11.0525

■ 96.2863, -47.3098,
24.7682

■ 15.2494, -18.8101,
8.9172

■ 109.3335,
-50.1813, 26.5272

■ 8.8720, -15.5260,
6.2104

■ 122.9219,
-52.9837, 28.2674

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 137.0308,

-55.7278, 29.9938

0.0000, NaN, NaN

151.6416,
-58.4224, 31.7099

0.0000, NaN, NaN

■ 50.0345, -34.7938,
17.3927

■ 50.0345, -34.7938,
17.3927

■ 49.6496, -36.6744,
19.2178

■ 50.5578, -32.3471,
15.4971

■ 49.3851, -38.0328,
20.9450

■ 51.2261, -29.3159,
13.5557

■ 49.2761, -38.6068,
21.7503

■ 52.0467, -25.7042,
11.5946

■ 53.0229, -21.5322,
9.6381

■ 54.1556, -16.8332,
7.7093

■ 55.4436, -11.6501,
5.8282

■ 56.8840, -6.0318,
4.0119

■ 58.4724, -0.0300,
2.2742

■ 60.2036, 6.3038,
0.6255

Harmonies

Analogous

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



50.0355, -23.6716, 25.8000



50.0345, -34.7938, 17.3927



50.0355, -37.8697, 0.2456

Triad

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



50.0355, -34.7943, 17.3931



50.0355, -0.1060, -55.2707



50.0355, 37.0790, 20.0442

Complementary

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



50.0345, -34.7938, 17.3927



30.7240, 43.4711, -3.5754

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.



50.0355, 46.1366, 5.0810



50.0345, -34.7938, 17.3927



50.0355, 22.4872, -42.9504

Square

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



50.0355, -34.7943, 17.3931



50.0355, -19.9604, -47.3816



50.0355, 40.3904, -18.4181



50.0355, 17.3370, 26.8091

Rectangle

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



50.0345, -34.7938, 17.3927



50.0355, -35.4669, -15.8151



50.0355, 40.3904, -18.4181



50.0355, 41.6134, 16.0991

Sweetspot

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



50.0355, -34.7943, 17.3931



73.4090, -20.9549, 9.7327



51.6860, -29.4357, 29.1312



34.2425, -10.6145, 4.8632



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



50.0355, -34.7943, 17.3931



66.6538, -50.7354, 27.4952



51.4584, -26.2200, -3.0283



27.2970, -4.1122, 2.3178



44.7287, -34.9898, 19.6259



6.0517, -4.2426, 1.5945

Inverse Universe

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



30.7240, 43.4711, -3.5754



38.2306, 65.3178, -0.9828



29.4842, 38.4316, 14.2636



25.8863, 1.3833, 0.6192



25.1443, 45.0509, 0.8168



3.4868, 6.4726, -1.6333

Previews

White Background



This preview shows how the HunterLab color 50.0345, -34.7938, 17.3927 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 50.0345, -34.7938, 17.3927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

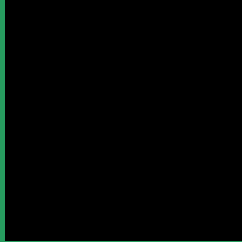
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 50.0345, -34.7938, 17.3927 Background



This preview shows how black text looks on a background with the HunterLab color 50.0345, -34.7938, 17.3927.



This preview shows how white text looks on a background with the HunterLab color 50.0345,

-34.7938, 17.3927.

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

50.0345, -34.7938, 17.3927

Protanopia

49.5907, -4.9418, 19.6906

Deuteranopia

49.4792, 3.7074, 15.8006



Tritanopia

49.9111, -18.5002, -9.0761

Trichromacy



Original Color

50.0345, -34.7938, 17.3927



Protanomaly

48.5502, -19.3272, 17.7655



Deuteranomaly

48.1124, -14.3700, 14.8482



Tritanomaly

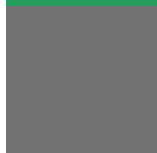
49.7802, -25.4477, 2.4865

Monochromacy



Original Color

50.0345, -34.7938, 17.3927



Achromatopsia

41.0207, -2.1888, 2.2287



Achromatomaly

43.3455, -16.4118, 7.3953

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.0345, -34.7938, 17.3927 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(39, 156, 95)` looks like.

```
.text, #text, p{  
    color:rgb(39, 156, 95)  
}
```

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(39, 156, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 156, 95) }
```

Border

The CSS property to change the border of an element to HunterLab 50.0345, -34.7938, 17.3927 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(39, 156, 95) }
```


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

```
.border{ border-color:rgb(39, 156, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 156, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 156, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 156, 95);  
box-shadow:4px 4px 4px 4px rgb(39, 156,  
95) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.0345, -34.7938, 17.3927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 156, 95) }
```

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

```
.background{ background-color: rgb(39, 156,  
95) }
```

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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