

Converting Colors

HunterLab(49.8676, -33.8730,
10.7919)

Have a look what the booklet for
HunterLab(49.8676, -33.8730,
10.7919) contains.

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Color

**HunterLab(50.0147,
-34.0523, 10.9951)**

Conversions

Conversions Part 1

Format	Color
Hex	009C73
RGB	0, 156, 115
RGB Percent	0%, 61%, 45%
CMY	0.9999, 0.3882, 0.5490
CMYK	1.00, 0.00, 0.26, 0.39
HSL	164°, 100%, 31%
HSV	164°, 100%, 61%
XYZ	14.9830, 25.0147, 20.2583
YIQ	104.6820, -79.8150, -45.8230

Conversions

Conversions Part 2

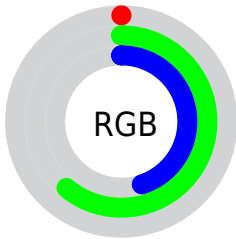
Format	Color
RYB	0, 90, 156
Decimal	40051
CIELab	57.09, -44.94, 11.84
CIELCh	57, 46.477, 165.240
Yxy	25.0157, 0.2487, 0.4151
Android (android.graphics.Color)	4278230131 (0xFF009C73)
YUV	104.6820, 5.0868, -91.8061
Hunter-Lab	50.0147, -34.0523, 10.9951

Details

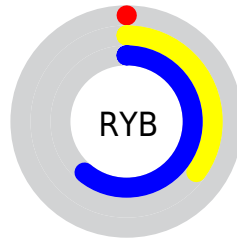
The HunterLab color **50.0147, -34.0523, 10.9951** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **26.8861, 46.6364, 12.7546**, and the grayscale version is **37.4696, -1.9993, 2.0358**.

A 20% lighter version of the original color is **71.7309, -40.1901, 13.2782**, and **31.7895, -22.7085, 9.2871** is the 20% darker color. If you saturate the color by 10%, you get **50.0155, -34.0535, 10.9966**, and if you desaturate by 10%, it is **50.2184, -33.0299, 9.7228**.

Distribution



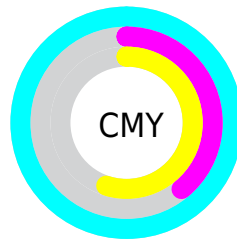
- Red (0%)
- Green (61%)
- Blue (45%)



- Red (0%)
- Yellow (35%)
- Blue (61%)



- Cyan (100%)
- Magenta (0%)
- Yellow (26%)
- Black (39%)



- Cyan (100%)
- Magenta (39%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.0147, -34.0523, 10.9951 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 50.0147, -34.0523, 10.9951 by changing the saturation by 10% instead.

■ 50.0147, -34.0523,
10.9951

■ 50.0147, -34.0523,
10.9951

166.7081,
-59.7568, 22.1054

■ 40.1108, -30.6134,
9.7522

■ 71.8907, -40.4047,
13.4456

■ 30.9628, -26.9238,
8.4822

■ 83.7804, -43.3888,
14.6654

■ 22.6406, -22.8902,
7.1661

■ 96.2617, -46.2771,
15.8874

■ 15.2360, -18.4481,
5.7703

■ 109.3077,
-49.0863, 17.1144

■ 8.8599, -15.5049,
6.0220

■ 122.8951,
-51.8294, 18.3482

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 137.0030,

-54.5169, 19.5906

0.0000, NaN, NaN

151.6129,
-57.1570, 20.8427

0.0000, NaN, NaN

■ 50.0147, -34.0523,
10.9951

■ 50.0147, -34.0523,
10.9951

■ 50.0155, -34.0535,
10.9966

■ 50.2184, -33.0299,
9.7228

■ 50.5050, -31.6644,
8.4902

■ 50.9096, -29.8259,
7.3436

■ 51.4441, -27.4821,
6.3055

■ 52.1167, -24.6200,
5.3945

■ 52.9329, -21.2432,
4.6256

■ 53.8954, -17.3685,
4.0096

■ 55.0052, -13.0238,
3.5537

■ 56.2612, -8.2448,
3.2614

Harmonies

Analogous

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



50.0157, -26.6419, 21.9105



50.0147, -34.0523, 10.9951



50.0157, -33.9927, -7.6082

Triad

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



50.0157, -34.0526, 10.9956



50.0157, 7.5883, -45.4659



50.0157, 26.6142, 22.0263

Complementary

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



50.0147, -34.0523, 10.9951



26.8861, 46.6364, 12.7546

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.



50.0157, 38.9647, 11.2324



50.0147, -34.0523, 10.9951



50.0157, 26.8858, -29.5306

Square

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



50.0157, -34.0526, 10.9956



50.0157, -11.8840, -45.6085



50.0157, 39.0711, -7.2609



50.0157, 7.2604, 26.4127

Rectangle

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



50.0147, -34.0523, 10.9951



50.0157, -29.7966, -22.5887



50.0157, 39.0711, -7.2609



50.0157, 31.8451, 19.2604

Sweetspot

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



50.0157, -34.0526, 10.9956



72.5498, -23.7398, 5.4476



49.2563, -39.7114, 29.6559



33.7860, -12.1207, 2.6978



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.



50.0157, -34.0526, 10.9956



67.3795, -46.0460, 15.1816



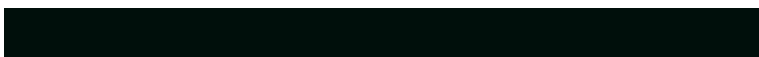
39.6719, -12.4175, -22.7795



27.3490, -3.8226, 1.5753



45.3986, -30.8659, 9.8864



6.1237, -3.8046, 0.5589

Inverse Universe

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



26.8861, 46.6364, 12.7546



36.1941, 62.7096, 17.7597



28.9049, 38.0598, 18.4766



25.8328, 1.0958, 1.3812



24.4106, 42.3649, 11.4246



3.3602, 6.0167, 0.1382

Previews

White Background



This preview shows how the HunterLab color 50.0147, -34.0523, 10.9951 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 50.0147, -34.0523, 10.9951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

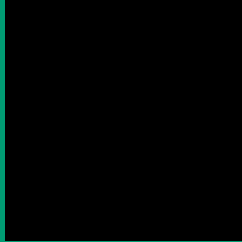
Any Text WCAG AA ✓ Pass

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 50.0147, -34.0523, 10.9951 Background



This preview shows how black text looks on a background with the HunterLab color 50.0147, -34.0523, 10.9951.



This preview shows how white text looks on a background with the HunterLab color 50.0147,

-34.0523, 10.9951.

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

50.0147, -34.0523, 10.9951

Protanopia

49.6676, -3.9613, 14.2582

Deuteranopia

49.5552, 3.4159, 9.3356



Tritanopia

50.1250, -20.7944, -9.9097

Trichromacy



Original Color

50.0147, -34.0523, 10.9951



Protanomaly

47.9837, -20.7446, 11.3271



Deuteranomaly

47.6622, -16.7695, 7.7547



Tritanomaly

49.8075, -26.4725, -1.6603

Monochromacy



Original Color

50.0147, -34.0523, 10.9951



Achromatopsia

37.5850, -2.0054, 2.0421



Achromatomaly

40.8812, -17.9120, 3.8943

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.0147, -34.0523, 10.9951 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, 156, 115)` looks like.

```
.text, #text, p{  
    color:rgb(0, 156, 115)  
}
```

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, 156, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 156, 115) }
```

Border

The CSS property to change the border of an element to HunterLab 50.0147, -34.0523, 10.9951 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, 156, 115) }
```


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

```
.border{ border-color:rgb(0, 156, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 156, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 156, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 156, 115);  
box-shadow:4px 4px 4px 4px rgb(0, 156,  
115) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.0147, -34.0523, 10.9951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 156, 115) }
```

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

```
.background{ background-color: rgb(0, 156,  
115) }
```

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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