

Converting Colors

HunterLab(47.3762, -44.6497,
9.7005)

Have a look what the booklet for
HunterLab(47.3762, -44.6497,
9.7005) contains.

HunterLab(49.9246, -34.6034, 12.2974)	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(49.9246,
-34.6034, 12.2974)**

Conversions

Conversions Part 1

Format	Color
Hex	009C6F
RGB	0, 156, 111
RGB Percent	0%, 61%, 44%
CMY	1.0000, 0.3882, 0.5647
CMYK	1.00, 0.00, 0.29, 0.39
HSL	163°, 100%, 31%
HSV	163°, 100%, 61%
XYZ	14.7577, 24.9247, 19.0721
YIQ	104.2260, -78.5310, -47.0670

Conversions

Conversions Part 2

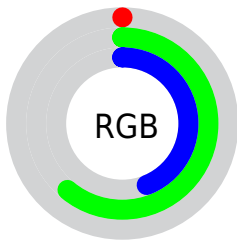
Format	Color
RYB	0, 91, 156
Decimal	40047
CIELab	57.00, -45.92, 13.96
CIELCh	57, 48.000, 163.089
Yxy	24.9256, 0.2512, 0.4242
Android (android.graphics.Color)	4278230127 (0xFF009C6F)
YUV	104.2260, 3.3396, -91.4062
Hunter-Lab	49.9246, -34.6034, 12.2974

Details

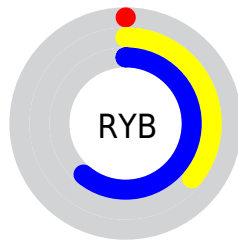
The HunterLab color **49.9246, -34.6034, 12.2974** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **26.9407, 46.8379, 11.9541**, and the grayscale version is **37.3030, -1.9904, 2.0267**.

A 20% lighter version of the original color is **71.9764, -41.1959, 15.0874**, and **31.7165, -23.1574, 10.3472** is the 20% darker color. If you saturate the color by 10%, you get **49.9254, -34.6046, 12.2989**, and if you desaturate by 10%, it is **50.1338, -33.5455, 10.9434**.

Distribution



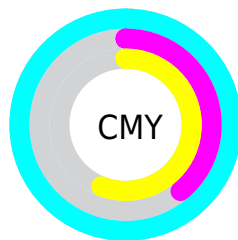
- Red (0%)
- Green (61%)
- Blue (44%)



- Red (0%)
- Yellow (36%)
- Blue (61%)



- Cyan (100%)
- Magenta (0%)
- Yellow (29%)
- Black (39%)



- Cyan (100%)
- Magenta (39%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.9246, -34.6034, 12.2974 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 49.9246, -34.6034, 12.2974 by changing the saturation by 10% instead.

■ 49.9246, -34.6034,
12.2974

■ 49.9246, -34.6034,
12.2974

166.5735,
-60.7706, 24.3116

■ 40.0271, -31.0929,
10.9173

■ 71.7890, -41.0815,
14.9906

■ 30.8861, -27.3236,
9.4954

■ 83.6733, -44.1220,
16.3199

■ 22.5715, -23.1996,
8.0079

■ 96.1496, -47.0631,
17.6451

■ 15.1754, -18.6998,
6.4130

■ 109.1908,
-49.9223, 18.9699

■ 8.8049, -15.4086,
6.1634

■ 122.7735,
-52.7129, 20.2971

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 136.8769,

-55.4456, 21.6287

0.0000, NaN, NaN

151.4825,
-58.1292, 22.9665

0.0000, NaN, NaN

■ 49.9246, -34.6034,
12.2974

■ 49.9246, -34.6034,
12.2974

■ 49.9254, -34.6046,
12.2989

■ 50.1338, -33.5455,
10.9434

■ 50.4268, -32.1386,
9.6166

■ 50.8387, -30.2529,
8.3632

■ 51.3814, -27.8567,
7.2063

■ 52.0630, -24.9378,
6.1654

■ 52.8888, -21.5005,
5.2567

■ 53.8617, -17.5629,
4.4923

■ 54.9823, -13.1538,
3.8808

■ 56.2496, -8.3097,
3.4271

Harmonies

Analogous

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



49.9256, -26.4831, 22.8429



49.9246, -34.6034, 12.2974



49.9256, -35.0903, -6.3750

Triad

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



49.9256, -34.6038, 12.2978



49.9256, 6.4185, -48.1912



49.9256, 28.9123, 21.9148

Complementary

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



49.9246, -34.6034, 12.2974



26.9407, 46.8379, 11.9541

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.



49.9256, 40.9767, 10.3678



49.9246, -34.6034, 12.2974



49.9256, 26.6688, -32.4072

Square

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



49.9256, -34.6038, 12.2978



49.9256, -13.4492, -46.9997



49.9256, 40.0960, -9.2424



49.9256, 9.1167, 26.6902

Rectangle

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



49.9246, -34.6034, 12.2974



49.9256, -31.1691, -21.8955



49.9256, 40.0960, -9.2424



49.9256, 34.1372, 18.9482

Sweetspot

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



49.9256, -34.6038, 12.2978



72.5034, -24.0067, 6.1104



49.3737, -39.2156, 29.7369



33.7617, -12.2615, 3.0457



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.



49.9256, -34.6038, 12.2978



67.2567, -46.7969, 16.9560



41.2532, -14.6014, -20.0415



27.3438, -3.8517, 1.6499



45.3171, -31.3639, 11.0632



6.1162, -3.8497, 0.6656

Inverse Universe

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



26.9407, 46.8379, 11.9541



36.2651, 62.9716, 16.7172



28.3887, 39.6452, 18.1863



25.8381, 1.1239, 1.3066



24.4607, 42.5498, 10.6891



3.3730, 6.0631, -0.0434

Previews

White Background



This preview shows how the HunterLab color 49.9246, -34.6034, 12.2974 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 49.9246, -34.6034, 12.2974 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 49.9246, -34.6034, 12.2974 Background



This preview shows how black text looks on a background with the HunterLab color 49.9246, -34.6034, 12.2974.



This preview shows how white text looks on a background with the HunterLab color 49.9246,

-34.6034, 12.2974.

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

49.9246, -34.6034, 12.2974

Protanopia

49.6776, -4.0899, 15.5368

Deuteranopia

49.5831, 3.3648, 10.4875



Tritanopia

50.1512, -20.6938, -9.8707

Trichromacy



Original Color

49.9246, -34.6034, 12.2974

Protanomaly

47.9500, -21.0504, 12.6527

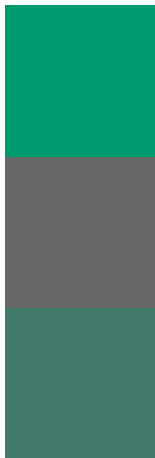
Deuteranomaly

47.5885, -17.1956, 8.8148

Tritanomaly

49.7624, -26.7739, -0.7674

Monochromacy



Original Color

49.9246, -34.6034, 12.2974

Achromatopsia

37.2064, -1.9852, 2.0215

Achromatomaly

40.4793, -17.9952, 4.2542

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.9246, -34.6034, 12.2974 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, 111)` looks like.

```
.text, #text, p{  
    color:rgb(0, 156, 111)  
}
```

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, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 156, 111) }
```

Border

The CSS property to change the border of an element to HunterLab 49.9246, -34.6034, 12.2974 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, 111) }
```


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

```
.border{ border-color:rgb(0, 156, 111) }
```

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, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 156, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 156, 111);  
box-shadow:4px 4px 4px 4px rgb(0, 156,  
111) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.9246, -34.6034, 12.2974 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, 111) }
```

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

```
.background{ background-color: rgb(0, 156,  
111) }
```

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