

Converting Colors

HunterLab(47.8851, -34.6713,
14.9476)

Have a look what the booklet for
HunterLab(47.8851, -34.6713,
14.9476) contains.

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Color

**HunterLab(47.9544,
-34.6958, 14.9593)**

Conversions

Conversions Part 1

Format	Color
Hex	009761
RGB	0, 151, 97
RGB Percent	0%, 59%, 38%
CMY	1.0000, 0.4078, 0.6196
CMYK	1.00, 0.00, 0.36, 0.41
HSL	159°, 100%, 30%
HSV	159°, 100%, 59%
XYZ	13.2242, 22.9962, 15.0510
YIQ	99.6950, -72.6620, -48.8060

Conversions

Conversions Part 2

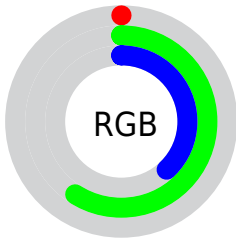
Format	Color
RYB	0, 92, 151
Decimal	38753
CIELab	55.07, -47.24, 19.12
CIELCh	55, 50.965, 157.964
Yxy	22.9972, 0.2579, 0.4485
Android (android.graphics.Color)	4278228833 (0xFF009761)
YUV	99.6950, -1.3286, -87.4325
Hunter-Lab	47.9544, -34.6958, 14.9593

Details

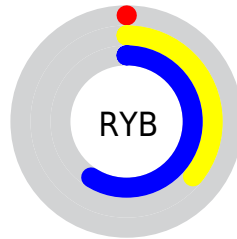
The HunterLab color **47.9544, -34.6958, 14.9593** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **26.1651, 45.8252, 9.0144**, and the grayscale version is **35.6097, -1.9000, 1.9347**.

A 20% lighter version of the original color is **69.4688, -41.2624, 18.1722**, and **30.2555, -23.2268, 12.3233** is the 20% darker color. If you saturate the color by 10%, you get **47.9553, -34.6967, 14.9604**, and if you desaturate by 10%, it is **48.1703, -33.5905, 13.4932**.

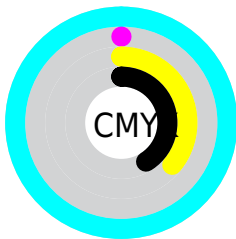
Distribution



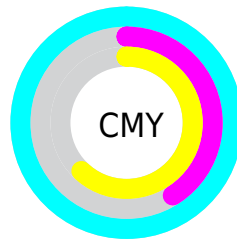
- Red (0%)
- Green (59%)
- Blue (38%)



- Red (0%)
- Yellow (36%)
- Blue (59%)



- Cyan (100%)
- Magenta (0%)
- Yellow (36%)
- Black (41%)



- Cyan (100%)
- Magenta (41%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.9544, -34.6958, 14.9593 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 47.9544, -34.6958, 14.9593 by changing the saturation by 10% instead.

■ 47.9544, -34.6958,
14.9593

■ 47.9544, -34.6958,
14.9593

163.6186,
-61.6376, 29.2574

■ 38.1987, -31.0455,
13.2222

■ 69.5620, -41.4029,
18.2760

■ 29.2115, -27.1106,
11.4011

■ 81.3285, -44.5404,
19.8835

■ 21.0664, -22.7826,
9.4569

■ 93.6925, -47.5702,
21.4696

■ 13.8616, -18.6896,
7.6517

■ 106.6264,
-50.5111, 23.0408

■ 7.4914, -13.1100,
5.2440

■ 120.1061,
-53.3777, 24.6017

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 134.1103,

-56.1818, 26.1563

0.0000, NaN, NaN

148.6202,
-58.9325, 27.7074

0.0000, NaN, NaN

■ 47.9544, -34.6958,
14.9593

■ 47.9544, -34.6958,
14.9593

■ 47.9553, -34.6967,
14.9604

■ 48.1703, -33.5905,
13.4932

■ 48.4682, -32.1374,
12.0156

■ 48.8833, -30.2069,
10.5715

■ 49.4265, -27.7704,
9.1843

■ 50.1057, -24.8184,
7.8750

■ 50.9255, -21.3577,
6.6619

■ 51.8885, -17.4085,
5.5600

■ 52.9950, -13.0009,
4.5811

■ 54.2436, -8.1726,
3.7335

Harmonies

Analogous

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



47.9554, -25.0724, 24.1704



47.9544, -34.6958, 14.9593



47.9554, -36.5153, -3.0559

Triad

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



47.9554, -34.6962, 14.9597



47.9554, 3.1954, -53.5685



47.9554, 33.8369, 20.8120

Complementary

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



47.9544, -34.6958, 14.9593



26.1651, 45.8252, 9.0144

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.



47.9554, 44.6452, 7.6598



47.9544, -34.6958, 14.9593



47.9554, 25.0630, -38.9233

Square

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



47.9554, -34.6962, 14.9597



47.9554, -16.8659, -48.7762



47.9554, 41.1833, -14.2625



47.9554, 13.6453, 26.3865

Rectangle

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



47.9544, -34.6958, 14.9593



47.9554, -33.4158, -19.2658



47.9554, 41.1833, -14.2625



47.9554, 38.8340, 17.4210

Sweetspot

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



47.9554, -34.6962, 14.9597



69.3544, -23.6341, 7.5252



47.9133, -36.6722, 28.8817



32.8173, -12.2741, 3.8532



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



47.9554, -34.6962, 14.9597



64.1464, -46.6036, 20.4263



42.9327, -18.2343, -14.2989



26.4368, -3.7895, 1.7876



44.2369, -31.9632, 13.7071



5.4722, -3.5214, 0.7620

Inverse Universe

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



26.1651, 45.8252, 9.0144



34.9682, 61.1566, 12.7311



26.6173, 40.7045, 17.1136



25.0147, 1.1477, 1.0699



24.1430, 42.3051, 8.1629



3.0606, 5.5678, -0.5532

Previews

White Background



This preview shows how the HunterLab color 47.9544, -34.6958, 14.9593 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 47.9544, -34.6958, 14.9593 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 47.9544, -34.6958, 14.9593 Background



This preview shows how black text looks on a background with the HunterLab color 47.9544, -34.6958, 14.9593.



This preview shows how white text looks on a background with the HunterLab color 47.9544, -34.6958, 14.9593.

-34.6958, 14.9593.

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

47.9544, -34.6958, 14.9593

Protanopia

47.6494, -4.4379, 17.5236

Deuteranopia

47.6165, 3.0634, 13.4169



Tritanopia

48.0663, -19.3423, -9.5172

Trichromacy



Original Color

47.9544, -34.6958, 14.9593

Protanomaly

45.9601, -21.2539, 14.8865

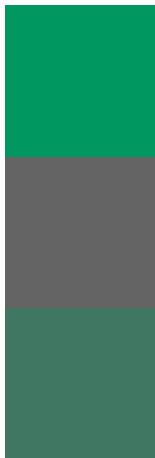
Deuteranomaly

45.6168, -17.4451, 11.8011

Tritanomaly

47.9132, -26.2277, 0.7005

Monochromacy



Original Color

47.9544, -34.6958, 14.9593

Achromatopsia

35.6984, -1.9048, 1.9396

Achromatomaly

38.9673, -17.9724, 5.7361

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.9544, -34.6958, 14.9593 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, 151, 97)` looks like.

```
.text, #text, p{  
    color:rgb(0, 151, 97)  
}
```

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, 151, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 151, 97) }
```

Border

The CSS property to change the border of an element to HunterLab 47.9544, -34.6958, 14.9593 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, 151, 97) }
```


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

```
.border{ border-color:rgb(0, 151, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 151, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 151, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 151, 97);  
box-shadow:4px 4px 4px 4px rgb(0, 151, 97)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 47.9544, -34.6958, 14.9593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 151, 97) }
```

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

```
.background{ background-color: rgb(0, 151,  
97) }
```

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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