

Converting Colors

HunterLab(48.8394, -34.0555,
12.4710)

Have a look what the booklet for
HunterLab(48.8394, -34.0555,
12.4710) contains.

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Color

**HunterLab(48.8303,
-34.1111, 12.6024)**

Conversions

Conversions Part 1

Format	Color
Hex	00996B
RGB	0, 153, 107
RGB Percent	0%, 60%, 42%
CMY	1.0000, 0.4000, 0.5804
CMYK	1.00, 0.00, 0.30, 0.40
HSL	162°, 100%, 30%
HSV	162°, 100%, 60%
XYZ	14.0451, 23.8440, 17.7720
YIQ	102.0090, -76.4220, -46.7420

Conversions

Conversions Part 2

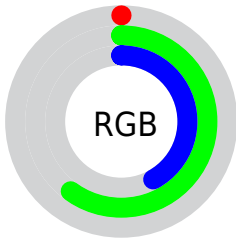
Format	Color
RYB	0, 90, 153
Decimal	39275
CIELab	55.93, -45.71, 14.72
CIELCh	56, 48.019, 162.149
Yxy	23.8449, 0.2523, 0.4284
Android (android.graphics.Color)	4278229355 (0xFF00996B)
YUV	102.0090, 2.4606, -89.4619
Hunter-Lab	48.8303, -34.1111, 12.6024

Details

The HunterLab color **48.8303, -34.1111, 12.6024** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **26.4010, 45.9578, 11.2653**, and the grayscale version is **36.4680, -1.9458, 1.9814**.

A 20% lighter version of the original color is **70.4565, -40.3418, 15.1064**, and **31.0212, -22.9667, 10.8048** is the 20% darker color. If you saturate the color by 10%, you get **48.8311, -34.1122, 12.6037**, and if you desaturate by 10%, it is **49.0392, -33.0532, 11.2458**.

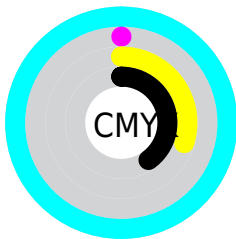
Distribution



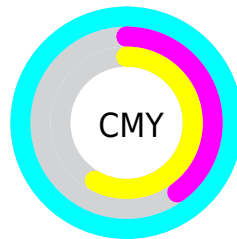
- Red (0%)
- Green (60%)
- Blue (42%)



- Red (0%)
- Yellow (35%)
- Blue (60%)



- Cyan (100%)
- Magenta (0%)
- Yellow (30%)
- Black (40%)



- Cyan (100%)
- Magenta (40%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.8303, -34.1111, 12.6024 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 48.8303, -34.1111, 12.6024 by changing the saturation by 10% instead.

■ 48.8303, -34.1111,
12.6024

■ 48.8303, -34.1111,
12.6024

164.9350,
-60.2612, 24.9464

■ 39.0111, -30.5920,
11.1686

■ 70.5528, -40.5950,
15.3876

■ 29.9549, -26.8075,
9.6857

■ 82.3721, -43.6350,
16.7573

■ 21.7337, -22.6571,
8.1264

■ 94.7863, -46.5742,
18.1202

■ 14.4430, -18.3463,
6.4508

■ 107.7682,
-49.4305, 19.4803

■ 8.1039, -14.1818,
5.6727

■ 121.2940,
-52.2174, 20.8409

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 135.3426,

-54.9459, 22.2042

0.0000, NaN, NaN

149.8952,
-57.6248, 23.5723

0.0000, NaN, NaN

■ 48.8303, -34.1111,
12.6024

■ 48.8303, -34.1111,
12.6024

■ 48.8311, -34.1122,
12.6037

■ 49.0392, -33.0532,
11.2458

■ 49.3298, -31.6542,
9.9092

■ 49.7370, -29.7848,
8.6383

■ 50.2724, -27.4143,
7.4558

■ 50.9437, -24.5316,
6.3813

■ 51.7562, -21.1414,
5.4308

■ 52.7125, -17.2619,
4.6169

■ 53.8133, -12.9215,
3.9485

■ 55.0573, -8.1565,
3.4310

Harmonies

Analogous

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



48.8313, -25.8474, 22.7582



48.8303, -34.1111, 12.6024



48.8313, -34.8284, -5.6935

Triad

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



48.8313, -34.1115, 12.6028



48.8313, 5.7600, -48.3973



48.8313, 29.3321, 21.3987

Complementary

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



48.8303, -34.1111, 12.6024



26.4010, 45.9578, 11.2653

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.



48.8313, 41.0069, 9.7535



48.8303, -34.1111, 12.6024



48.8313, 26.0004, -33.0279

Square

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



48.8313, -34.1115, 12.6028



48.8313, -13.8560, -46.6191



48.8313, 39.6978, -9.9511



48.8313, 9.7601, 26.2447

Rectangle

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



48.8303, -34.1111, 12.6024



48.8313, -31.1115, -21.1170



48.8313, 39.6978, -9.9511



48.8313, 34.4420, 18.4040

Sweetspot

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



48.8313, -34.1115, 12.6028



70.4586, -23.4293, 6.2383



48.3972, -38.1041, 29.1547



32.8685, -11.9773, 3.1200



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.



48.8313, -34.1115, 12.6028



65.3205, -45.8093, 17.2441



41.1772, -15.3685, -18.2909



26.4479, -3.7277, 1.6291



44.3990, -30.9693, 11.3590



5.4867, -3.4334, 0.5539

Inverse Universe

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



26.4010, 45.9578, 11.2653



35.2883, 61.3509, 15.6813



27.5788, 39.4640, 17.6841



25.0035, 1.0872, 1.2304



24.0116, 41.8219, 10.0797



3.0345, 5.4735, -0.1853

Previews

White Background



This preview shows how the HunterLab color 48.8303, -34.1111, 12.6024 looks on a white background.

Color Contrast Check

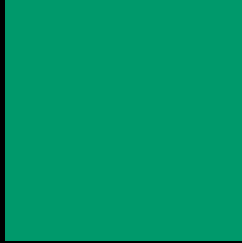
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.8303, -34.1111, 12.6024 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 48.8303, -34.1111, 12.6024 Background



This preview shows how black text looks on a background with the HunterLab color 48.8303, -34.1111, 12.6024.



This preview shows how white text looks on a background with the HunterLab color 48.8303,

-34.1111, 12.6024.

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

48.8303, -34.1111, 12.6024

Protanopia

48.4732, -4.1096, 15.6632

Deuteranopia

48.4774, 3.6321, 10.8278



Tritanopia

48.7137, -19.9674, -9.7033

Trichromacy



Original Color

48.8303, -34.1111, 12.6024

Protanomaly

46.8187, -20.7735, 12.8943

Deuteranomaly

46.5142, -16.7300, 9.1993

Tritanomaly

48.6478, -26.4137, -0.2555

Monochromacy



Original Color

48.8303, -34.1111, 12.6024

Achromatopsia

36.4511, -1.9449, 1.9805

Achromatomaly

39.7467, -17.8391, 4.6432

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.8303, -34.1111, 12.6024 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, 153, 107)` looks like.

```
.text, #text, p{  
    color:rgb(0, 153, 107)  
}
```

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, 153, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 153, 107) }
```

Border

The CSS property to change the border of an element to HunterLab 48.8303, -34.1111, 12.6024 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, 153, 107) }
```


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

```
.border{ border-color:rgb(0, 153, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 153, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 153, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 153, 107);  
box-shadow:4px 4px 4px 4px rgb(0, 153,  
107) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.8303, -34.1111, 12.6024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 153, 107) }
```

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

```
.background{ background-color: rgb(0, 153,  
107) }
```

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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