

Converting Colors

HunterLab(47.0841, -46.0148,
6.6397)

Have a look what the booklet for
HunterLab(47.0841, -46.0148,
6.6397) contains.

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Color

**HunterLab(50.0849,
-33.6244, 9.9838)**

Conversions

Conversions Part 1

Format	Color
Hex	009C76
RGB	0, 156, 118
RGB Percent	0%, 61%, 46%
CMY	0.9999, 0.3882, 0.5372
CMYK	1.00, 0.00, 0.24, 0.39
HSL	165°, 100%, 31%
HSV	165°, 100%, 61%
XYZ	15.1585, 25.0850, 21.1825
YIQ	105.0240, -80.7780, -44.8900

Conversions

Conversions Part 2

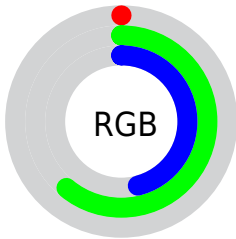
Format	Color
RYB	0, 89, 156
Decimal	40054
CIELab	57.16, -44.19, 10.25
CIELCh	57, 45.360, 166.943
Yxy	25.0860, 0.2468, 0.4084
Android (android.graphics.Color)	4278230134 (0xFF009C76)
YUV	105.0240, 6.3972, -92.1060
Hunter-Lab	50.0849, -33.6244, 9.9838

Details

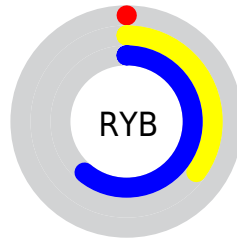
The HunterLab color **50.0849, -33.6244, 9.9838** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **26.8488, 46.4977, 13.3056**, and the grayscale version is **37.5950, -2.0060, 2.0426**.

A 20% lighter version of the original color is **71.8091, -39.7223, 12.1530**, and **31.8476, -22.3524, 8.4458** is the 20% darker color. If you saturate the color by 10%, you get **50.0857, -33.6257, 9.9855**, and if you desaturate by 10%, it is **50.2840, -32.6315, 8.7793**.

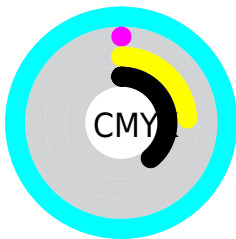
Distribution



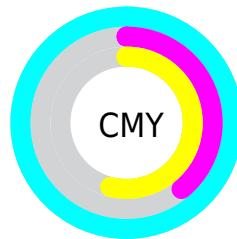
- Red (0%)
- Green (61%)
- Blue (46%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (24%)
- Black (39%)



- Cyan (100%)
- Magenta (39%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.0849, -33.6244, 9.9838 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 50.0849, -33.6244, 9.9838 by changing the saturation by 10% instead.

■ 50.0849, -33.6244,
9.9838

■ 50.0849, -33.6244,
9.9838

166.8130,
-58.9736, 20.4258

■ 40.1760, -30.2404,
8.8419

■ 71.9699, -39.8802,
12.2553

■ 31.0227, -26.6120,
7.6834

■ 83.8637, -42.8212,
13.3944

■ 22.6945, -22.6477,
6.4931

■ 96.3490, -45.6689,
14.5401

■ 15.2833, -18.2565,
5.2434

■ 109.3988,
-48.4397, 15.6946

■ 8.9025, -15.5795,
5.2562

■ 122.9898,
-51.1464, 16.8594

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 137.1012,

-53.7990, 18.0357

0.0000, NaN, NaN

151.7145,
-56.4059, 19.2243

0.0000, NaN, NaN

■ 50.0849, -33.6244,
9.9838

■ 50.0849, -33.6244,
9.9838

■ 50.0857, -33.6257,
9.9855

■ 50.2840, -32.6315,
8.7793

■ 50.5654, -31.2993,
7.6232

■ 50.9642, -29.4983,
6.5620

■ 51.4923, -27.1957,
5.6176

■ 52.1579, -24.3778,
4.8079

■ 52.9666, -21.0475,
4.1469

■ 53.9212, -17.2210,
3.6446

■ 55.0228, -12.9252,
3.3071

■ 56.2702, -8.1952,
3.1368

Harmonies

Analogous

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



50.0859, -26.7509, 21.1731



50.0849, -33.6244, 9.9838



50.0859, -33.1476, -8.5414

Triad

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



50.0859, -33.6247, 9.9843



50.0859, 8.4650, -43.4372



50.0859, 24.8992, 22.1035

Complementary

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



50.0849, -33.6244, 9.9838



26.8488, 46.4977, 13.3056

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.



50.0859, 37.4507, 11.8635



50.0849, -33.6244, 9.9838



50.0859, 27.0327, -27.4146

Square

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



50.0859, -33.6247, 9.9843



50.0859, -10.6934, -44.5480



50.0859, 38.2852, -5.8122



50.0859, 5.8816, 26.1931

Rectangle

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



50.0849, -33.6244, 9.9838



50.0859, -28.7424, -23.0961



50.0859, 38.2852, -5.8122



50.0859, 30.1308, 19.4865

Sweetspot

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



50.0859, -33.6247, 9.9843



72.5848, -23.5380, 4.9463



49.2031, -39.9371, 29.6190



33.8045, -12.0140, 2.4343



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.



50.0859, -33.6247, 9.9843



67.4751, -45.4626, 13.8026



38.8902, -11.3128, -24.1868



27.3530, -3.8008, 1.5193



45.4619, -30.4795, 8.9730



6.1294, -3.7701, 0.4774

Inverse Universe

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



26.8488, 46.4977, 13.3056



36.1456, 62.5304, 18.4735



29.1892, 37.2042, 18.6366



25.8289, 1.0747, 1.4370



24.3760, 42.2373, 11.9321



3.3506, 5.9818, 0.2753

Previews

White Background



This preview shows how the HunterLab color 50.0849, -33.6244, 9.9838 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 50.0849, -33.6244, 9.9838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

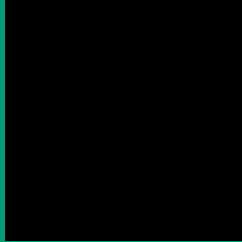
Any Text WCAG AA ✓ Pass

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 50.0849, -33.6244, 9.9838 Background



This preview shows how black text looks on a background with the HunterLab color 50.0849, -33.6244, 9.9838.



This preview shows how white text looks on a background with the HunterLab color 50.0849,

-33.6244, 9.9838.

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

50.0849, -33.6244, 9.9838

Protanopia

49.7099, -3.7282, 13.6442

Deuteranopia

49.8022, 2.9984, 8.4316



Tritanopia

50.0993, -20.8928, -9.9479

Trichromacy



Original Color

50.0849, -33.6244, 9.9838



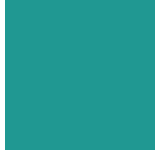
Protanomaly

48.0521, -20.3441, 10.3391



Deuteranomaly

47.9864, -16.9710, 6.9216



Tritanomaly

49.8386, -26.2873, -2.1011

Monochromacy



Original Color

50.0849, -33.6244, 9.9838



Achromatopsia

37.5850, -2.0054, 2.0421



Achromatomaly

40.9077, -17.7567, 3.5155

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.0849, -33.6244, 9.9838 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, 118)` looks like.

```
.text, #text, p{  
    color:rgb(0, 156, 118)  
}
```

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, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 156, 118) }
```

Border

The CSS property to change the border of an element to HunterLab 50.0849, -33.6244, 9.9838 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, 118) }
```


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

```
.border{ border-color:rgb(0, 156, 118) }
```

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, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 156, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 156, 118);  
box-shadow:4px 4px 4px 4px rgb(0, 156,  
118) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.0849, -33.6244, 9.9838 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, 118) }
```

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

```
.background{ background-color: rgb(0, 156,  
118) }
```

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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