

Converting Colors

HunterLab(47.2775, -46.2843,
6.5243)

Have a look what the booklet for
HunterLab(47.2775, -46.2843,
6.5243) contains.

HunterLab(50.1087, -33.4790, 9.6401)	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(50.1087,
-33.4790, 9.6401)**

Conversions

Conversions Part 1

Format	Color
Hex	009C77
RGB	0, 156, 119
RGB Percent	0%, 61%, 47%
CMY	0.9999, 0.3882, 0.5333
CMYK	1.00, 0.00, 0.24, 0.39
HSL	166°, 100%, 31%
HSV	166°, 100%, 61%
XYZ	15.2182, 25.1088, 21.4971
YIQ	105.1380, -81.0990, -44.5790

Conversions

Conversions Part 2

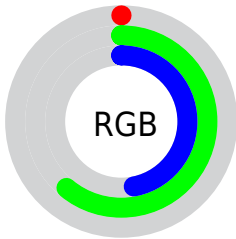
Format	Color
RYB	0, 88, 156
Decimal	40055
CIELab	57.18, -43.93, 9.72
CIELCh	57, 44.993, 167.528
Yxy	25.1098, 0.2462, 0.4061
Android (android.graphics.Color)	4278230135 (0xFF009C77)
YUV	105.1380, 6.8340, -92.2060
Hunter-Lab	50.1087, -33.4790, 9.6401

Details

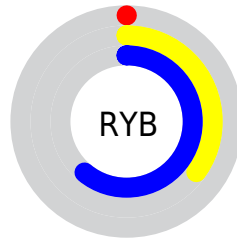
The HunterLab color **50.1087, -33.4790, 9.6401** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **26.8368, 46.4539, 13.4802**, and the grayscale version is **37.6366, -2.0082, 2.0449**.

A 20% lighter version of the original color is **71.8356, -39.5642, 11.7727**, and **31.8676, -22.2300, 8.1565** is the 20% darker color. If you saturate the color by 10%, you get **50.1095, -33.4802, 9.6417**, and if you desaturate by 10%, it is **50.3062, -32.4964, 8.4594**.

Distribution



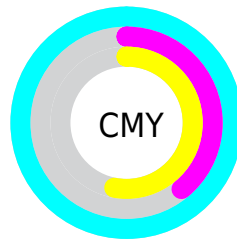
- Red (0%)
- Green (61%)
- Blue (47%)



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



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



- Cyan (100%)
- Magenta (39%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.1087, -33.4790, 9.6401 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 50.1087, -33.4790, 9.6401 by changing the saturation by 10% instead.

■ 50.1087, -33.4790,
9.6401

■ 50.1087, -33.4790,
9.6401

166.8485,
-58.7083, 19.8612

■ 40.1981, -30.1135,
8.5315

■ 71.9967, -39.7023,
11.8526

■ 31.0430, -26.5057,
7.4096

■ 83.8920, -42.6287,
12.9650

■ 22.7128, -22.5649,
6.2607

■ 96.3786, -45.4627,
14.0855

■ 15.2993, -18.1922,
5.0590

■ 109.4297,
-48.2205, 15.2161

■ 8.9169, -15.6046,
5.0025

■ 123.0219,
-50.9148, 16.3581

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 137.1345,

-53.5557, 17.5125

0.0000, NaN, NaN

151.7489,
-56.1513, 18.6800

0.0000, NaN, NaN

■ 50.1087, -33.4790,
9.6401

■ 50.1087, -33.4790,
9.6401

■ 50.1095, -33.4802,
9.6417

■ 50.3062, -32.4964,
8.4594

■ 50.5858, -31.1759,
7.3300

■ 50.9825, -29.3880,
6.2983

■ 51.5084, -27.0995,
5.3859

■ 52.1716, -24.2967,
4.6107

■ 52.9777, -20.9822,
3.9863

■ 53.9297, -17.1720,
3.5224

■ 55.0284, -12.8927,
3.2246

■ 56.2730, -8.1792,
3.0952

Harmonies

Analogous

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



50.1097, -26.7854, 20.9200



50.1087, -33.4790, 9.6401



50.1097, -32.8617, -8.8539

Triad

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



50.1097, -33.4793, 9.6406



50.1097, 8.7570, -42.7643



50.1097, 24.3294, 22.1280

Complementary

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



50.1087, -33.4790, 9.6401



26.8368, 46.4539, 13.4802

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.



50.1097, 36.9454, 12.0706



50.1087, -33.4790, 9.6401



50.1097, 27.0787, -26.7174

Square

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



50.1097, -33.4793, 9.6406



50.1097, -10.2935, -44.1916



50.1097, 38.0202, -5.3365



50.1097, 5.4247, 26.1178

Rectangle

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



50.1087, -33.4790, 9.6401



50.1097, -28.3864, -23.2629



50.1097, 38.0202, -5.3365



50.1097, 29.5605, 19.5603

Sweetspot

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



50.1097, -33.4793, 9.6406



72.5966, -23.4704, 4.7784



49.2030, -39.9371, 29.6190



33.8106, -11.9783, 2.3460



88.7363, -4.7347, 4.8212



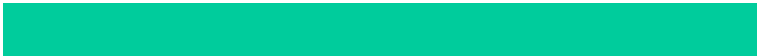
36.4511, -1.9449, 1.9805

Same Dimension

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



50.1097, -33.4793, 9.6406



67.5077, -45.2641, 13.3335



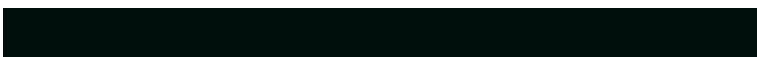
38.8901, -11.3127, -24.1869



27.3543, -3.7935, 1.5006



45.4835, -30.3481, 8.6625



6.1313, -3.7585, 0.4500

Inverse Universe

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



26.8368, 46.4539, 13.4802



36.1303, 62.4739, 18.6987



29.1891, 37.2044, 18.6366



25.8276, 1.0677, 1.4556



24.3651, 42.1969, 12.0930



3.3474, 5.9701, 0.3212

Previews

White Background



This preview shows how the HunterLab color 50.1087, -33.4790, 9.6401 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 50.1087, -33.4790, 9.6401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

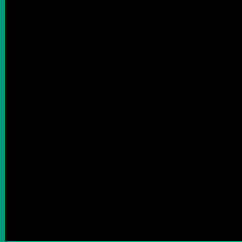
Any Text WCAG AA ✓ Pass

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 50.1087, -33.4790, 9.6401 Background



This preview shows how black text looks on a background with the HunterLab color 50.1087, -33.4790, 9.6401.



This preview shows how white text looks on a background with the HunterLab color 50.1087, -33.4790, 9.6401.

-33.4790, 9.6401.

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

50.1087, -33.4790, 9.6401

Protanopia

49.7315, -3.6098, 13.3323

Deuteranopia

49.8275, 3.1339, 8.0683



Tritanopia

50.0742, -20.9893, -9.9854

Trichromacy



Original Color

50.1087, -33.4790, 9.6401



Protanomaly

48.0754, -20.2078, 10.0030



Deuteranomaly

48.0120, -16.8225, 6.5529



Tritanomaly

49.8228, -26.3499, -2.1222

Monochromacy



Original Color

50.1087, -33.4790, 9.6401



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 50.1087, -33.4790, 9.6401 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, 119)` looks like.

```
.text, #text, p{  
    color:rgb(0, 156, 119)  
}
```

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, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 156, 119) }
```

Border

The CSS property to change the border of an element to HunterLab 50.1087, -33.4790, 9.6401 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, 119) }
```


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

```
.border{ border-color:rgb(0, 156, 119) }
```

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, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 156, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 156, 119);  
box-shadow:4px 4px 4px 4px rgb(0, 156,  
119) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.1087, -33.4790, 9.6401 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, 119) }
```

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

```
.background{ background-color: rgb(0, 156,  
119) }
```

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