

Converting Colors

HunterLab(44.3970, -57.1160,
4.6825)

Have a look what the booklet for
HunterLab(44.3970, -57.1160,
4.6825) contains.

HunterLab(49.6795, -33.7052, 10.6648)	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(49.6795,
-33.7052, 10.6648)**

Conversions

Conversions Part 1

Format	Color
Hex	009B73
RGB	0, 155, 115
RGB Percent	0%, 61%, 45%
CMY	0.9999, 0.3921, 0.5490
CMYK	1.00, 0.00, 0.26, 0.39
HSL	165°, 100%, 30%
HSV	165°, 100%, 61%
XYZ	14.8159, 24.6805, 20.2026
YIQ	104.0950, -79.5400, -45.3000

Conversions

Conversions Part 2

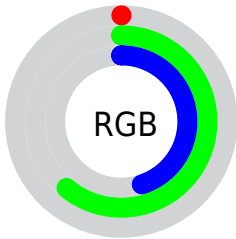
Format	Color
RYB	0, 89, 155
Decimal	39795
CIELab	56.76, -44.54, 11.38
CIELCh	57, 45.973, 165.666
Yxy	24.6815, 0.2482, 0.4134
Android (android.graphics.Color)	4278229875 (0xFF009B73)
YUV	104.0950, 5.3762, -91.2913
Hunter-Lab	49.6795, -33.7052, 10.6648

Details

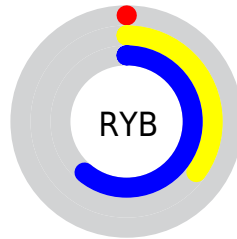
The HunterLab color **49.6795, -33.7052, 10.6648** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **26.6878, 46.2754, 12.7924**, and the grayscale version is **37.2464, -1.9874, 2.0237**.

A 20% lighter version of the original color is **71.3848, -39.7899, 12.9255**, and **31.7895, -22.7085, 9.2871** is the 20% darker color. If you saturate the color by 10%, you get **49.6803, -33.7064, 10.6663**, and if you desaturate by 10%, it is **49.8813, -32.6947, 9.4188**.

Distribution



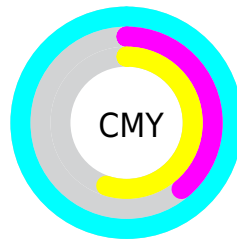
- Red (0%)
- Green (61%)
- Blue (45%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (26%)
- Black (39%)



- Cyan (100%)
- Magenta (39%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.6795, -33.7052, 10.6648 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 49.6795, -33.7052, 10.6648 by changing the saturation by 10% instead.

■ 49.6795, -33.7052,
10.6648

■ 49.6795, -33.7052,
10.6648

166.2071,
-59.2481, 21.5800

■ 39.7994, -30.2877,
9.4506

■ 71.5123, -40.0170,
13.0638

■ 30.6773, -26.6201,
8.2118

■ 83.3821, -42.9820,
14.2601

■ 22.3834, -22.6087,
6.9304

■ 95.8445, -45.8519,
15.4599

■ 15.0108, -18.2232,
5.5736

■ 108.8725,
-48.6432, 16.6656

■ 8.6533, -15.1432,
5.9231

■ 122.4425,
-51.3691, 17.8792

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 136.5337,

-54.0399, 19.1021

0.0000, NaN, NaN

151.1275,
-56.6640, 20.3354

0.0000, NaN, NaN

■ 49.6795, -33.7052,
10.6648

■ 49.6795, -33.7052,
10.6648

■ 49.6803, -33.7064,
10.6663

■ 49.8813, -32.6947,
9.4188

■ 50.1649, -31.3454,
8.2142

■ 50.5656, -29.5280,
7.0972

■ 51.0950, -27.2101,
6.0900

■ 51.7612, -24.3790,
5.2109

■ 52.5697, -21.0379,
4.4744

■ 53.5233, -17.2035,
3.8911

■ 54.6228, -12.9031,
3.4678

■ 55.8673, -8.1720,
3.2077

Harmonies

Analogous

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



49.6805, -26.4824, 21.5728



49.6795, -33.7052, 10.6648



49.6805, -33.5412, -7.7897

Triad

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



49.6805, -33.7055, 10.6653



49.6805, 7.7564, -44.6313



49.6805, 25.9924, 21.8910

Complementary

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



49.6795, -33.7052, 10.6648



26.6878, 46.2754, 12.7924

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.



49.6805, 38.3076, 11.3140



49.6795, -33.7052, 10.6648



49.6805, 26.7346, -28.7842

Square

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



49.6805, -33.7055, 10.6653



49.6805, -11.5006, -45.0202



49.6805, 38.5983, -6.8406



49.6805, 6.8597, 26.1719

Rectangle

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



49.6795, -33.7052, 10.6648



49.6805, -29.3221, -22.5587



49.6805, 38.5983, -6.8406



49.6805, 31.1869, 19.1824

Sweetspot

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



49.6805, -33.7055, 10.6653



71.5446, -23.3444, 5.2476



48.9102, -39.4259, 29.4476



33.7906, -12.0944, 2.6328



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.



49.6805, -33.7055, 10.6653



66.4590, -45.2536, 14.6215



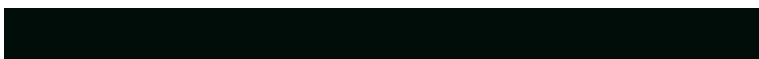
39.3979, -12.3380, -22.6085



26.4562, -3.6812, 1.5099



44.5307, -30.1637, 9.4553



5.4975, -3.3680, 0.3990

Inverse Universe

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



26.6878, 46.2754, 12.7924



35.6761, 61.7911, 17.6676



28.7078, 37.7710, 18.3501



24.9951, 1.0421, 1.3497



23.9286, 41.5158, 11.2967



3.0148, 5.4021, 0.0939

Previews

White Background



This preview shows how the HunterLab color 49.6795, -33.7052, 10.6648 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 49.6795, -33.7052, 10.6648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

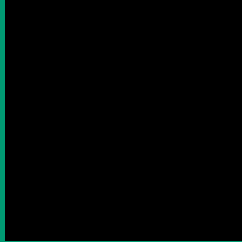
Any Text WCAG AA ✓ Pass

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 49.6795, -33.7052, 10.6648 Background



This preview shows how black text looks on a background with the HunterLab color 49.6795, -33.7052, 10.6648.



This preview shows how white text looks on a background with the HunterLab color 49.6795, -33.7052, 10.6648.

-33.7052, 10.6648.

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

49.6795, -33.7052, 10.6648

Protanopia

49.2928, -3.8179, 13.9060

Deuteranopia

49.4557, 3.0815, 9.2256



Tritanopia

49.7456, -20.6868, -9.8967

Trichromacy



Original Color

49.6795, -33.7052, 10.6648

Protanomaly

47.6712, -20.3429, 11.0244

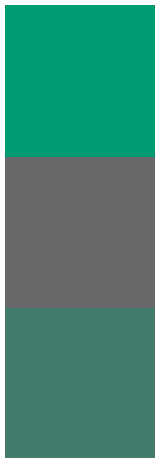
Deuteranomaly

47.6034, -16.9916, 7.6882

Tritanomaly

49.4509, -26.2714, -1.6239

Monochromacy



Original Color

49.6795, -33.7052, 10.6648

Achromatopsia

37.2064, -1.9852, 2.0215

Achromatomaly

40.5054, -17.8418, 3.8801

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.6795, -33.7052, 10.6648 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, 155, 115)` looks like.

```
.text, #text, p{  
    color:rgb(0, 155, 115)  
}
```

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, 155, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 155, 115) }
```

Border

The CSS property to change the border of an element to HunterLab 49.6795, -33.7052, 10.6648 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, 155, 115) }
```


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

```
.border{ border-color:rgb(0, 155, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 155, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 155, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 155, 115);  
box-shadow:4px 4px 4px 4px rgb(0, 155,  
115) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.6795, -33.7052, 10.6648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 155, 115) }
```

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

```
.background{ background-color: rgb(0, 155,  
115) }
```

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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