

Converting Colors

HunterLab(47.4711, -46.1634,
0.9553)

Have a look what the booklet for
HunterLab(47.4711, -46.1634,
0.9553) contains.

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Color

**HunterLab(50.7739,
-31.8251, 5.2383)**

Conversions

Conversions Part 1

Format	Color
Hex	009D84
RGB	0, 157, 132
RGB Percent	0%, 62%, 52%
CMY	0.9999, 0.3843, 0.4823
CMYK	1.00, 0.00, 0.16, 0.38
HSL	170°, 100%, 31%
HSV	170°, 100%, 62%
XYZ	16.2218, 25.7799, 25.9508
YIQ	107.2070, -85.5470, -41.0590

Conversions

Conversions Part 2

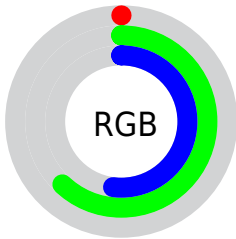
Format	Color
RYB	0, 85, 157
Decimal	40324
CIELab	57.83, -40.87, 3.29
CIELCh	58, 41.007, 175.401
Yxy	25.7809, 0.2387, 0.3794
Android (android.graphics.Color)	4278230404 (0xFF009D84)
YUV	107.2070, 12.2229, -94.0205
Hunter-Lab	50.7739, -31.8251, 5.2383

Details

The HunterLab color **50.7739, -31.8251, 5.2383** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **26.9054, 46.3338, 15.3611**, and the grayscale version is **38.4038, -2.0491, 2.0866**.

A 20% lighter version of the original color is **72.6041, -37.5166, 6.5995**, and **32.7531, -21.2786, 4.9958** is the 20% darker color. If you saturate the color by 10%, you get **50.7747, -31.8263, 5.2398**, and if you desaturate by 10%, it is **50.9487, -30.9863, 4.3911**.

Distribution



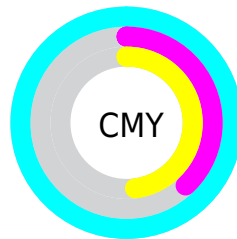
- Red (0%)
- Green (62%)
- Blue (52%)



- Red (0%)
- Yellow (33%)
- Blue (62%)



- Cyan (100%)
- Magenta (0%)
- Yellow (16%)
- Black (38%)



- Cyan (100%)
- Magenta (38%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.7739, -31.8251, 5.2383 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 50.7739, -31.8251, 5.2383 by changing the saturation by 10% instead.

■ 50.7739, -31.8251,
5.2383

■ 50.7739, -31.8251,
5.2383

167.8406,
-55.6056, 12.8760

■ 40.8164, -28.6863,
4.5137

■ 72.7470, -37.6524,
6.7656

■ 31.6105, -25.3322,
3.8136

■ 84.6813, -40.4023,
7.5667

■ 23.2246, -21.6818,
3.1374

■ 97.2052, -43.0708,
8.3926

■ 15.7484, -17.6005,
2.4815

■ 110.2919,
-45.6724, 9.2427

■ 9.3095, -16.2916,
1.9708

■ 123.9184,
-48.2185, 10.1166

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 138.0640,

-50.7181, 11.0137

0.0000, NaN, NaN

152.7102,
-53.1785, 11.9337

0.0000, NaN, NaN

■ 50.7739, -31.8251,
5.2383

■ 50.7739, -31.8251,
5.2383

■ 50.7747, -31.8263,
5.2398

■ 50.9487, -30.9863,
4.3911

■ 51.2043, -29.8198,
3.6248

■ 51.5759, -28.1961,
2.9860

■ 52.0756, -26.0797,
2.4944

■ 52.7120, -23.4542,
2.1647

■ 53.4909, -20.3191,
2.0071

■ 54.4157, -16.6874,
2.0274

■ 55.4876, -12.5832,
2.2274

■ 56.7059, -8.0389,
2.6051

Harmonies

Analogous

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



50.7749, -27.3193, 17.6622



50.7739, -31.8251, 5.2383



50.7749, -29.4285, -12.7892

Triad

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



50.7749, -31.8253, 5.2389



50.7749, 12.3770, -34.9883



50.7749, 17.6152, 22.5366

Complementary

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



50.7739, -31.8251, 5.2383



26.9054, 46.3338, 15.3611

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.



50.7749, 31.0081, 14.5613



50.7739, -31.8251, 5.2383



50.7749, 27.7107, -18.7157

Square

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



50.7749, -31.8253, 5.2389



50.7749, -5.3546, -40.0385



50.7749, 34.9289, 0.1576



50.7749, -0.0141, 25.2864

Rectangle

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



50.7739, -31.8251, 5.2383



50.7749, -24.0427, -25.3627



50.7749, 34.9289, 0.1576



50.7749, 22.8500, 20.5420

Sweetspot

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



50.7749, -31.8253, 5.2389



72.7420, -22.6355, 2.7049



49.3324, -41.1456, 29.6775



33.8873, -11.5360, 1.2530



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.



50.7749, -31.8253, 5.2389



67.9305, -42.6955, 7.2602



35.3149, -5.6722, -31.8941



27.3703, -3.7043, 1.2720



45.7629, -28.6519, 4.6517



6.1554, -3.6133, 0.1064

Inverse Universe

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



26.9054, 46.3338, 15.3611



35.9782, 61.9111, 20.9437



31.0731, 32.6441, 19.7176



25.8119, 0.9828, 1.6804



24.2542, 41.7868, 13.7282



3.3081, 5.8266, 0.8864

Previews

White Background



This preview shows how the HunterLab color 50.7739, -31.8251, 5.2383 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 50.7739, -31.8251, 5.2383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

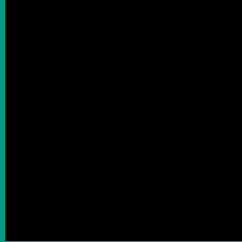
Any Text WCAG AA ✓ Pass

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 50.7739, -31.8251, 5.2383 Background



This preview shows how black text looks on a background with the HunterLab color 50.7739, -31.8251, 5.2383.



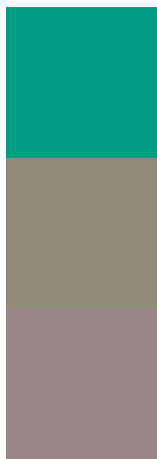
This preview shows how white text looks on a background with the HunterLab color 50.7739,

-31.8251, 5.2383.

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

50.7739, -31.8251, 5.2383

Protanopia

50.5088, -3.2097, 9.4537

Deuteranopia

50.5289, 3.3851, 3.4245



Tritanopia

50.7257, -21.5516, -10.7277

Trichromacy



Original Color

50.7739, -31.8251, 5.2383



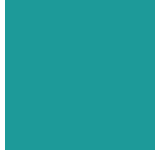
Protanomaly

49.0229, -19.1391, 6.0000



Deuteranomaly

48.6175, -15.4103, 1.7347



Tritanomaly

50.6679, -25.9179, -4.4978

Monochromacy



Original Color

50.7739, -31.8251, 5.2383



Achromatopsia

38.3441, -2.0459, 2.0833



Achromatomaly

41.4212, -17.0256, 1.5746

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.7739, -31.8251, 5.2383 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, 157, 132)` looks like.

```
.text, #text, p{  
    color:rgb(0, 157, 132)  
}
```

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, 157, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 157, 132) }
```

Border

The CSS property to change the border of an element to HunterLab 50.7739, -31.8251, 5.2383 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, 157, 132) }
```


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

```
.border{ border-color:rgb(0, 157, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 157, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 157, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 157, 132);  
box-shadow:4px 4px 4px 4px rgb(0, 157,  
132) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.7739, -31.8251, 5.2383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 157, 132) }
```

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

```
.background{ background-color: rgb(0, 157,  
132) }
```

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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