

Converting Colors

HunterLab(51.3527, -30.9434,
2.6114)

Have a look what the booklet for
HunterLab(51.3527, -30.9434,
2.6114) contains.

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Color

**HunterLab(51.3295,
-30.8460, 2.4302)**

Conversions

Conversions Part 1

Format	Color
Hex	009E8C
RGB	0, 158, 140
RGB Percent	0%, 62%, 55%
CMY	0.9999, 0.3804, 0.4510
CMYK	1.00, 0.00, 0.11, 0.38
HSL	173°, 100%, 31%
HSV	173°, 100%, 62%
XYZ	16.9605, 26.3472, 29.0026
YIQ	108.7060, -88.3900, -39.0940

Conversions

Conversions Part 2

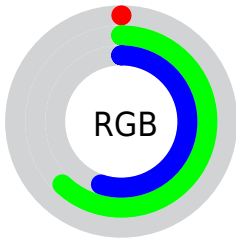
Format	Color
RYB	0, 84, 158
Decimal	40588
CIELab	58.37, -39.04, -0.47
CIELCh	58, 39.048, 180.685
Yxy	26.3482, 0.2346, 0.3644
Android (android.graphics.Color)	4278230668 (0xFF009E8C)
YUV	108.7060, 15.4279, -95.3352
Hunter-Lab	51.3295, -30.8460, 2.4302

Details

The HunterLab color **51.3295, -30.8460, 2.4302** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **27.0435, 46.4706, 16.2211**, and the grayscale version is **38.9637, -2.0790, 2.1170**.

A 20% lighter version of the original color is **73.2205, -36.3844, 3.6278**, and **33.2359, -20.5706, 2.8641** is the 20% darker color. If you saturate the color by 10%, you get **51.3303, -30.8471, 2.4315**, and if you desaturate by 10%, it is **51.4880, -30.1089, 1.8204**.

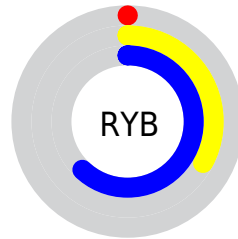
Distribution



Red (0%)

Green (62%)

Blue (55%)



Red (0%)

Yellow (33%)

Blue (62%)

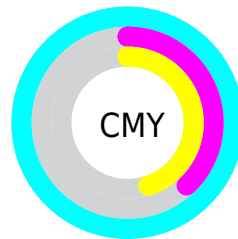


Cyan (100%)

Magenta (0%)

Yellow (11%)

Black (38%)



Cyan (100%)

Magenta (38%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.3295, -30.8460, 2.4302 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 51.3295, -30.8460, 2.4302 by changing the saturation by 10% instead.

■ 51.3295, -30.8460,
2.4302

■ 51.3295, -30.8460,
2.4302

168.6675,
-53.7608, 8.6420

■ 41.3332, -27.8432,
1.9117

■ 73.3731, -36.4362,
3.5850

■ 32.0852, -24.6416,
1.4355

■ 85.3399, -39.0806,
4.2154

■ 23.6532, -21.1665,
1.0062

■ 97.8946, -41.6502,
4.8788

■ 16.1253, -17.2935,
0.6298

■ 111.0110,
-44.1585, 5.5735

■ 9.6270, -16.8473,
0.3145

■ 124.6658,
-46.6161, 6.2984

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 138.8388,

-49.0314, 7.0521

0.0000, NaN, NaN

153.5115,
-51.4111, 7.8337

0.0000, NaN, NaN

■ 51.3295, -30.8460,
2.4302

■ 51.3295, -30.8460,
2.4302

■ 51.3303, -30.8471,
2.4315

■ 51.4880, -30.1089,
1.8204

■ 51.7272, -29.0472,
1.3048

■ 52.0823, -27.5308,
0.9302

■ 52.5657, -25.5228,
0.7149

■ 53.1862, -23.0049,
0.6721

■ 53.9498, -19.9749,
0.8097

■ 54.8602, -16.4441,
1.1314

■ 55.9186, -12.4352,
1.6366

■ 57.1246, -7.9794,
2.3212

Harmonies

Analogous

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



51.3305, -27.6487, 15.5167



51.3295, -30.8460, 2.4302



51.3305, -27.3442, -15.1813

Triad

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



51.3305, -30.8462, 2.4308



51.3305, 14.5302, -30.6562



51.3305, 13.7885, 22.8028

Complementary

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



51.3295, -30.8460, 2.4302



27.0435, 46.4706, 16.2211

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.



51.3305, 27.5955, 15.9672



51.3295, -30.8460, 2.4302



51.3305, 28.0605, -14.3490

Square

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



51.3305, -30.8462, 2.4308



51.3305, -2.3606, -37.6332



51.3305, 33.1157, 3.1547



51.3305, -3.1215, 24.7840

Rectangle

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



51.3295, -30.8460, 2.4302



51.3305, -21.3897, -26.5812



51.3305, 33.1157, 3.1547



51.3305, 19.0190, 21.1317

Sweetspot

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



51.3305, -30.8462, 2.4308



73.8487, -22.4627, 1.4917



49.5859, -41.8303, 29.8216



34.8239, -11.5935, 0.6152



89.8524, -4.7943, 4.8819



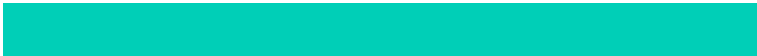
37.4146, -1.9963, 2.0328

Same Dimension

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



51.3305, -30.8462, 2.4308



69.1574, -41.6504, 3.4706



33.3169, -2.1154, -37.0745



27.3797, -3.6522, 1.1383



45.9401, -27.5814, 2.1192



6.1701, -3.5252, -0.1021

Inverse Universe

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



27.0435, 46.4706, 16.2211



36.4207, 62.5474, 22.1714



32.4995, 29.6176, 20.5435



25.8028, 0.9338, 1.8103



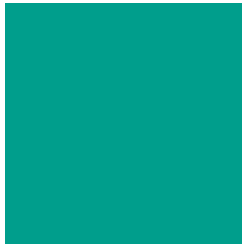
24.2075, 41.6140, 14.4182



3.2851, 5.7421, 1.2212

Previews

White Background



This preview shows how the HunterLab color 51.3295, -30.8460, 2.4302 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 51.3295, -30.8460, 2.4302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

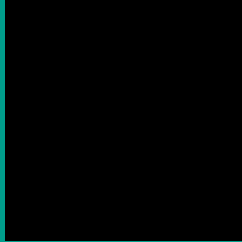
Any Text WCAG AA ✓ Pass

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 51.3295, -30.8460, 2.4302 Background



This preview shows how black text looks on a background with the HunterLab color 51.3295, -30.8460, 2.4302.



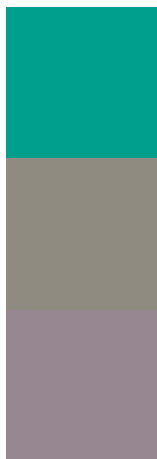
This preview shows how white text looks on a background with the HunterLab color 51.3295,

-30.8460, 2.4302.

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

51.3295, -30.8460, 2.4302

Protanopia

50.9701, -2.7086, 7.2011

Deuteranopia

50.9427, 3.8353, 0.2803



Tritanopia

51.3543, -22.2817, -10.9545

Trichromacy



Original Color

51.3295, -30.8460, 2.4302



Protanomaly

49.5243, -18.4521, 3.6276



Deuteranomaly

49.1069, -14.6771, -1.3728



Tritanomaly

51.0849, -25.6885, -5.9932

Monochromacy



Original Color

51.3295, -30.8460, 2.4302



Achromatopsia

39.1058, -2.0866, 2.1247



Achromatomaly

42.1901, -16.9963, 0.7285

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.3295, -30.8460, 2.4302 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, 158, 140)` looks like.

```
.text, #text, p{  
    color:rgb(0, 158, 140)  
}
```

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, 158, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 158, 140) }
```

Border

The CSS property to change the border of an element to HunterLab 51.3295, -30.8460, 2.4302 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, 158, 140) }
```


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

```
.border{ border-color:rgb(0, 158, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 158, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 158, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 158, 140);  
box-shadow:4px 4px 4px 4px rgb(0, 158,  
140) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.3295, -30.8460, 2.4302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 158, 140) }
```

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

```
.background{ background-color: rgb(0, 158,  
140) }
```

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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