

Converting Colors

HunterLab(51.4296, -30.4820,
1.5213)

Have a look what the booklet for
HunterLab(51.4296, -30.4820,
1.5213) contains.

HunterLab(51.3875, -30.4969, 1.6041)	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(51.3875,
-30.4969, 1.6041)**

Conversions

Conversions Part 1	
Format	Color
Hex	009E8E
RGB	0, 158, 142
RGB Percent	0%, 62%, 56%
CMY	0.9999, 0.3804, 0.4431
CMYK	1.00, 0.00, 0.10, 0.38
HSL	174°, 100%, 31%
HSV	174°, 100%, 62%
XYZ	17.1094, 26.4068, 29.7865
YIQ	108.9340, -89.0320, -38.4720

Conversions

Conversions Part 2

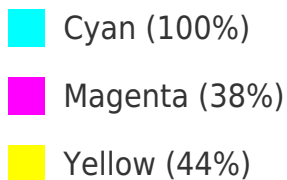
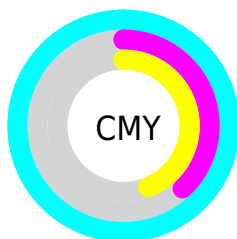
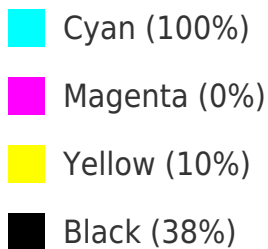
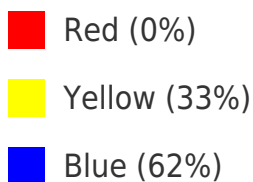
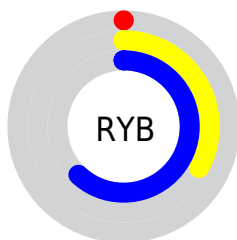
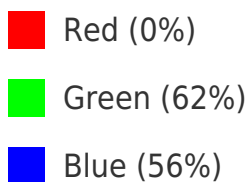
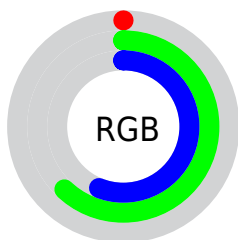
Format	Color
RYB	0, 83, 158
Decimal	40590
CIELab	58.42, -38.46, -1.52
CIELCh	58, 38.495, 182.262
Yxy	26.4078, 0.2334, 0.3602
Android (android.graphics.Color)	4278230670 (0xFF009E8E)
YUV	108.9340, 16.3015, -95.5351
Hunter-Lab	51.3875, -30.4969, 1.6041

Details

The HunterLab color **51.3875, -30.4969, 1.6041** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **27.0320, 46.4276, 16.3927**, and the grayscale version is **39.0477, -2.0835, 2.1215**.

A 20% lighter version of the original color is **73.3128, -35.8381, 2.3122**, and **33.2878, -20.2573, 2.1228** is the 20% darker color. If you saturate the color by 10%, you get **51.3883, -30.4979, 1.6054**, and if you desaturate by 10%, it is **51.5409, -29.7917, 1.0684**.


Distribution




Brightness & Saturation Gradients


These gradients show how the HunterLab color 51.3875, -30.4969, 1.6041 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 51.3875, -30.4969, 1.6041 by changing the saturation by 10% instead.


 51.3875, -30.4969,
1.6041


 51.3875, -30.4969,
1.6041


168.7537,
-53.1458, 7.4246


 41.3871, -27.5348,
1.1413


 73.4384, -36.0153,
2.6576


 32.1348, -24.3785,
0.7250


 85.4086, -38.6274,
3.2412

 23.6980, -20.9546,
0.3613

 97.9665, -41.1666,
3.8600

 16.1647, -17.1411,
0.0577

 111.0860,
-43.6462, 4.5121

 9.6602, -16.9054,
-0.1739

 124.7438,
-46.0764, 5.1959

0.0000, NaN, NaN

0.0000, NaN, NaN

 138.9196,

-48.4656, 5.9100

0.0000, NaN, NaN

153.5950,
-50.8202, 6.6533

0.0000, NaN, NaN

■ 51.3875, -30.4969,
1.6041

■ 51.3875, -30.4969,
1.6041

■ 51.3883, -30.4979,
1.6054

■ 51.5409, -29.7917,
1.0684

■ 51.7747, -28.7633,
0.6297

■ 52.1242, -27.2817,
0.3349

■ 52.6018, -25.3096,
0.2020

■ 53.2164, -22.8282,
0.2434

■ 53.9740, -19.8350,
0.4666

■ 54.8783, -16.3407,
0.8746

■ 55.9306, -12.3674,
1.4662

■ 57.1306, -7.9462,
2.2366

Harmonies

Analogous

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



51.3885, -27.6789, 14.8438



51.3875, -30.4969, 1.6041



51.3885, -26.6840, -15.8292

Triad

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



51.3885, -30.4971, 1.6047



51.3885, 15.1057, -29.3978



51.3885, 12.6949, 22.8279

Complementary

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



51.3875, -30.4969, 1.6041



27.0320, 46.4276, 16.3927

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.



51.3885, 26.5812, 16.3190



51.3875, -30.4969, 1.6041



51.3885, 28.0907, -13.1301

Square

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



51.3885, -30.4971, 1.6047



51.3885, -1.5000, -36.8744



51.3885, 32.5290, 3.9618



51.3885, -3.9777, 24.5818

Rectangle

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



51.3875, -30.4969, 1.6041



51.3885, -20.5788, -26.8598



51.3885, 32.5290, 3.9618



51.3885, 17.9113, 21.2503

Sweetspot

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



51.3885, -30.4971, 1.6047



73.8735, -22.3206, 1.1386



49.5859, -41.8303, 29.8216



34.8373, -11.5167, 0.4256



89.8524, -4.7943, 4.8819



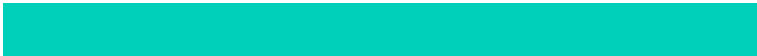
37.4146, -1.9963, 2.0328

Same Dimension

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



51.3885, -30.4971, 1.6047



69.2368, -41.1720, 2.3385



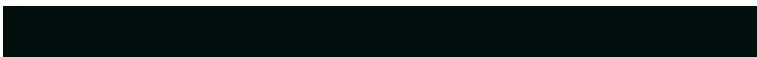
33.3170, -2.1155, -37.0744



27.3823, -3.6376, 1.1008



45.9916, -27.2713, 1.3854



6.1743, -3.5001, -0.1616

Inverse Universe

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



27.0320, 46.4276, 16.3927



36.4068, 62.4956, 22.3787



32.4996, 29.6174, 20.5435



25.8002, 0.9202, 1.8464



24.1967, 41.5738, 14.5788



3.2786, 5.7183, 1.3156

Previews

White Background



This preview shows how the HunterLab color 51.3875, -30.4969, 1.6041 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 51.3875, -30.4969, 1.6041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

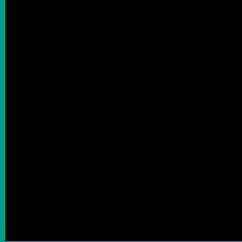
Any Text WCAG AA ✓ Pass

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 51.3875, -30.4969, 1.6041 Background



This preview shows how black text looks on a background with the HunterLab color 51.3875, -30.4969, 1.6041.



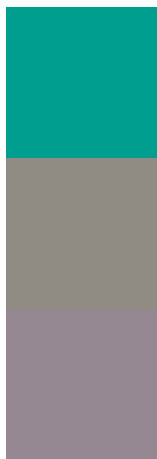
This preview shows how white text looks on a background with the HunterLab color 51.3875, -30.4969, 1.6041.

-30.4969, 1.6041.

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

51.3875, -30.4969, 1.6041

Protanopia

51.0228, -2.4203, 6.4457

Deuteranopia

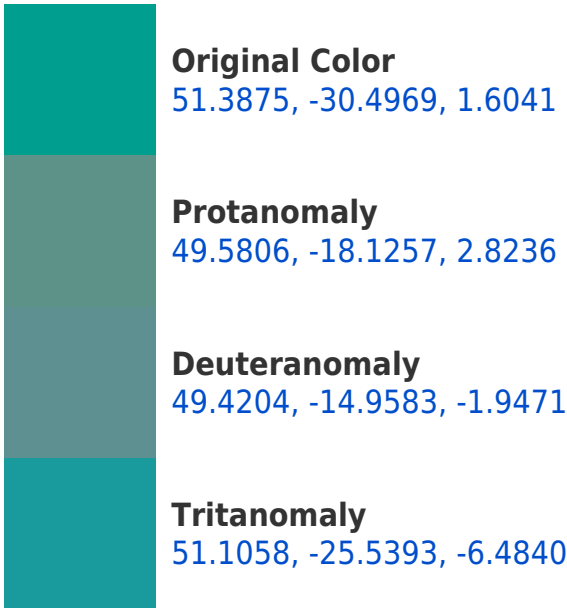
51.1849, 3.3586, -0.3761



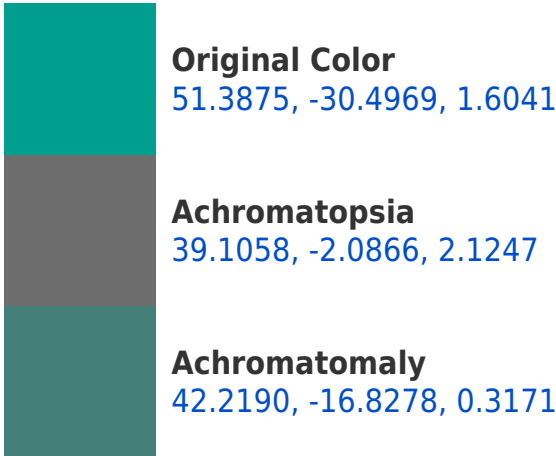
Tritanopia

51.3345, -22.3580, -10.9842

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.3875, -30.4969, 1.6041 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, 142)` looks like.

```
.text, #text, p{  
    color:rgb(0, 158, 142)  
}
```

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, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 158, 142) }
```

Border

The CSS property to change the border of an element to HunterLab 51.3875, -30.4969, 1.6041 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, 142) }
```


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

```
.border{ border-color:rgb(0, 158, 142) }
```

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, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 158, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 158, 142);  
box-shadow:4px 4px 4px 4px rgb(0, 158,  
142) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.3875, -30.4969, 1.6041 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, 142) }
```

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

```
.background{ background-color: rgb(0, 158,  
142) }
```

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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