

Converting Colors

HunterLab(48.0572, -28.0498,
-35.4700)

Have a look what the booklet for
HunterLab(48.0572, -28.0498,
-35.4700) contains.

HunterLab(51.1065, -15.9833, -29.3753)	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(51.1065,
-15.9833, -29.3753)**

Conversions

Conversions Part 1

Format	Color
Hex	0097C4
RGB	0, 151, 196
RGB Percent	0%, 59%, 77%
CMY	0.9998, 0.4078, 0.2314
CMYK	1.00, 0.23, 0.00, 0.23
HSL	194°, 100%, 38%
HSV	194°, 100%, 77%
XYZ	21.0304, 26.1187, 56.1575
YIQ	110.9810, -104.4410, -18.0170

Conversions

Conversions Part 2

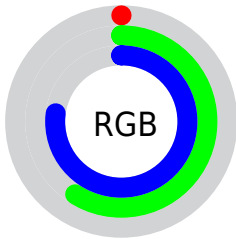
Format	Color
RYB	0, 85, 196
Decimal	38852
CIELab	58.15, -17.19, -32.55
CIELCh	58, 36.808, 242.155
Yxy	26.1196, 0.2036, 0.2528
Android (android.graphics.Color)	4278228932 (0xFF0097C4)
YUV	110.9810, 41.9144, -97.3303
Hunter-Lab	51.1065, -15.9833, -29.3753

Details

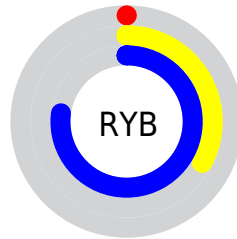
The HunterLab color **51.1065, -15.9833, -29.3753** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **36.8997, 50.0986, 23.6126**, and the grayscale version is **39.7413, -2.1205, 2.1592**.

A 20% lighter version of the original color is **73.0419, -18.8347, -30.7542**, and **33.2676, -7.5691, -25.2421** is the 20% darker color. If you saturate the color by 10%, you get **51.1040, -15.9796, -29.3803**, and if you desaturate by 10%, it is **52.6697, -17.4422, -26.6401**.

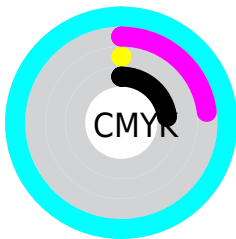
Distribution



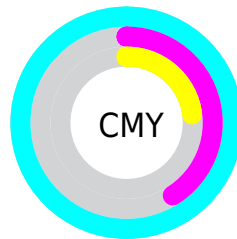
- Red (0%)
- Green (59%)
- Blue (77%)



- Red (0%)
- Yellow (33%)
- Blue (77%)



- Cyan (100%)
- Magenta (23%)
- Yellow (0%)
- Black (23%)



- Cyan (100%)
- Magenta (41%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.1065, -15.9833, -29.3753 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 51.1065, -15.9833, -29.3753 by changing the saturation by 10% instead.

■ 51.1065, -15.9833,
-29.3753

■ 51.1065, -15.9833,
-29.3753

168.3356,
-29.3080, -32.8039

■ 41.1256, -14.4188,
-28.7711

■ 73.1217, -19.0138,
-30.4858

■ 31.8945, -12.8017,
-28.1751

■ 85.0755, -20.5000,
-30.9712

■ 23.4809, -11.1050,
-27.6627

■ 97.6179, -21.9752,
-31.4048

■ 15.9738, -9.2831,
-27.4241

■ 110.7224,
-23.4437, -31.7858

■ 9.4995, -8.3954,
-28.0313

■ 124.3658,
-24.9089, -32.1149

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 138.5278,

-26.3734, -32.3933

0.0000, NaN, NaN

153.1899,
-27.8392, -32.6224

0.0000, NaN, NaN

■ 51.1065, -15.9833,
-29.3753

■ 51.1065, -15.9833,
-29.3753

■ 51.1040, -15.9796,
-29.3803

■ 52.6697, -17.4422,
-26.6401

■ 54.3732, -18.3957,
-23.7651

■ 56.2516, -18.7152,
-20.7117

■ 58.3112, -18.3795,
-17.4924

■ 60.5527, -17.3951,
-14.1283

■ 62.9728, -15.7876,
-10.6436

■ 65.5659, -13.5944,
-7.0628

■ 68.3244, -10.8598,
-3.4083

■ 71.2403, -7.6312,
0.2998

Harmonies

Analogous

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



51.1074, -25.6991, -14.8270



51.1065, -15.9833, -29.3753



51.1074, -1.5985, -34.6735

Triad

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



51.1074, -15.9829, -29.3743



51.1074, 30.7830, 3.8418



51.1074, -17.7157, 21.5050

Complementary

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



51.1065, -15.9833, -29.3753



36.8997, 50.0986, 23.6126

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.



51.1074, -3.8512, 23.8516



51.1065, -15.9833, -29.3753



51.1074, 25.1852, 15.7430

Square

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



51.1074, -15.9829, -29.3743



51.1074, 26.5472, -12.3988



51.1074, 12.0288, 22.1091



51.1074, -26.6121, 14.3827

Rectangle

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



51.1065, -15.9833, -29.3753



51.1074, 9.0650, -31.2744



51.1074, 12.0288, 22.1091



51.1074, -13.5431, 22.7628

Sweetspot

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



51.1074, -15.9829, -29.3743



88.0702, -18.4600, -9.7459



62.9693, -53.0269, 35.7661



40.0431, -9.1610, -5.4691

0.0000, NaN, NaN



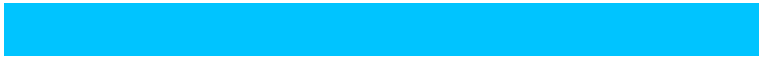
46.2646, -2.4686, 2.5136

Same Dimension

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



51.1074, -15.9829, -29.3743



68.4835, -21.0873, -40.0771



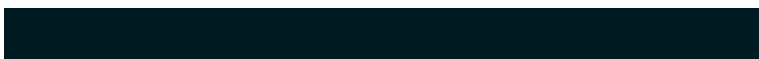
26.0233, 32.3637, -102.3848



33.2017, -3.4476, 0.2465



41.1289, -13.0395, -23.2589



9.1056, -3.4699, -3.8907

Inverse Universe

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



37.3781, 69.9825, -22.1855



50.2650, 94.0493, -29.2940



55.3467, 7.0366, 34.2262



31.9479, 2.1712, -0.2245



29.9832, 56.1801, -18.0906



6.3114, 11.9577, -4.8297

Previews

White Background



This preview shows how the HunterLab color 51.1065, -15.9833, -29.3753 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 51.1065, -15.9833, -29.3753 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

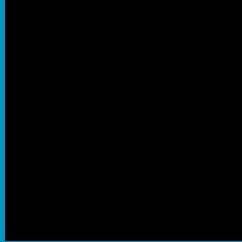
Any Text WCAG AA ✓ Pass

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 51.1065, -15.9833, -29.3753 Background



This preview shows how black text looks on a background with the HunterLab color 51.1065, -15.9833, -29.3753.



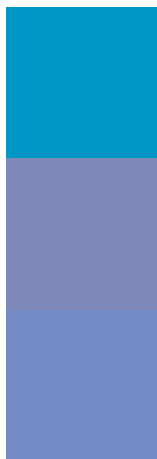
This preview shows how white text looks on a background with the HunterLab color 51.1065,

-15.9833, -29.3753.

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

51.1065, -15.9833, -29.3753

Protanopia

50.8230, 3.4544, -22.1683

Deuteranopia

51.0034, 3.8369, -31.3164



Tritanopia

51.2179, -24.4723, -11.1893

Trichromacy



Original Color

51.1065, -15.9833, -29.3753

Protanomaly

49.7248, -7.4459, -26.8953

Deuteranomaly

50.1777, -6.5625, -32.3240

Tritanomaly

51.3084, -21.6318, -17.4343

Monochromacy



Original Color

51.1065, -15.9833, -29.3753

Achromatopsia

39.8699, -2.1274, 2.1662

Achromatomaly

42.6782, -12.1930, -9.4675

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.1065, -15.9833, -29.3753 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, 151, 196)` looks like.

```
.text, #text, p{  
    color:rgb(0, 151, 196)  
}
```

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, 151, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 151, 196) }
```

Border

The CSS property to change the border of an element to HunterLab 51.1065, -15.9833, -29.3753 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, 151, 196) }
```


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

```
.border{ border-color:rgb(0, 151, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 151, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 151, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 151, 196);  
box-shadow:4px 4px 4px 4px rgb(0, 151,  
196) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.1065, -15.9833, -29.3753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 151, 196) }
```

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

```
.background{ background-color: rgb(0, 151,  
196) }
```

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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