

Converting Colors

HunterLab(51.1488, -21.2846,
-17.9842)

Have a look what the booklet for
HunterLab(51.1488, -21.2846,
-17.9842) contains.

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Color

**HunterLab(51.0266,
-20.9845, -18.4794)**

Conversions

Conversions Part 1

Format	Color
Hex	0099B3
RGB	0, 153, 179
RGB Percent	0%, 60%, 70%
CMY	0.9999, 0.4000, 0.2980
CMYK	1.00, 0.15, 0.00, 0.30
HSL	189°, 100%, 35%
HSV	189°, 100%, 70%
XYZ	19.5279, 26.0371, 46.6443
YIQ	110.2170, -99.5340, -24.3500

Conversions

Conversions Part 2

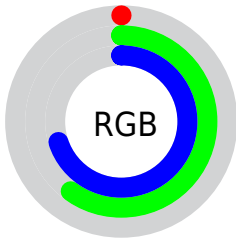
Format	Color
RYB	0, 82, 179
Decimal	39347
CIELab	58.07, -24.24, -23.06
CIELCh	58, 33.454, 223.567
Yxy	26.0381, 0.2118, 0.2824
Android (android.graphics.Color)	4278229427 (0xFF0099B3)
YUV	110.2170, 33.9100, -96.6603
Hunter-Lab	51.0266, -20.9845, -18.4794

Details

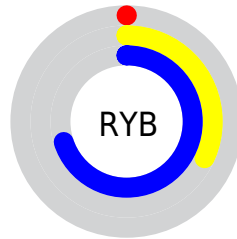
The HunterLab color **51.0266, -20.9845, -18.4794** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **32.1311, 49.1052, 20.6570**, and the grayscale version is **39.4765, -2.1064, 2.1448**.

A 20% lighter version of the original color is **73.1729, -24.9367, -19.0329**, and **33.1800, -12.2442, -15.0405** is the 20% darker color. If you saturate the color by 10%, you get **51.0258, -20.9831, -18.4813**, and if you desaturate by 10%, it is **51.9869, -21.5957, -16.9836**.

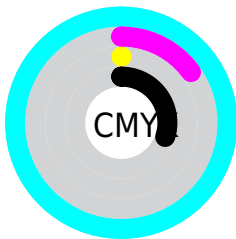
Distribution



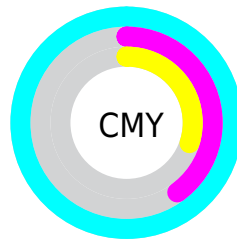
- Red (0%)
- Green (60%)
- Blue (70%)



- Red (0%)
- Yellow (32%)
- Blue (70%)



- Cyan (100%)
- Magenta (15%)
- Yellow (0%)
- Black (30%)



- Cyan (100%)
- Magenta (40%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.0266, -20.9845, -18.4794 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 51.0266, -20.9845, -18.4794 by changing the saturation by 10% instead.

51.0266, -20.9845,
-18.4794

51.0266, -20.9845,
-18.4794

168.2168,
-37.3364, -19.6196

41.0513, -18.9689,
-18.0630

73.0317, -24.8199,
-19.1244

31.8263, -16.8555,
-17.5918

84.9809, -26.6710,
-19.3558

23.4193, -14.6023,
-17.0853

97.5188, -28.4915,
-19.5293

15.9196, -12.1378,
-16.6043

110.6190,
-30.2885, -19.6475

9.4539, -11.6780,
-16.3526

124.2584,
-32.0675, -19.7131

0.0000, NaN, -NF

0.0000, NaN, -NF

138.4164,

-33.8329, -19.7288

0.0000, NaN, NaN

153.0747,
-35.5883, -19.6969

0.0000, NaN, NaN

■ 51.0266, -20.9845,
-18.4794

■ 51.0266, -20.9845,
-18.4794

■ 51.0258, -20.9831,
-18.4813

■ 51.9869, -21.5957,
-16.9836

■ 53.0563, -21.7935,
-15.3476

■ 54.2703, -21.4475,
-13.5275

■ 55.6384, -20.5273,
-11.5227

■ 57.1655, -19.0262,
-9.3414

■ 58.8527, -16.9554,
-6.9974

■ 60.6985, -14.3392,
-4.5076

■ 62.6993, -11.2107,
-1.8905

■ 64.8503, -7.6087,
0.8356

Harmonies

Analogous

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



51.0275, -26.5763, -3.6757



51.0266, -20.9845, -18.4794



51.0275, -10.1981, -28.8129

Triad

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



51.0275, -20.9843, -18.4786



51.0275, 26.0871, -5.1021



51.0275, -8.9533, 22.0783

Complementary

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



51.0266, -20.9845, -18.4794



32.1311, 49.1052, 20.6570

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.



51.0275, 5.2037, 21.8912



51.0266, -20.9845, -18.4794



51.0275, 26.5144, 8.4845

Square

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



51.0275, -20.9843, -18.4786



51.0275, 17.4168, -19.7650



51.0275, 18.5274, 17.5917



51.0275, -20.1589, 18.1998

Rectangle

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



51.0266, -20.9845, -18.4794



51.0275, -1.0215, -30.4030



51.0275, 18.5274, 17.5917



51.0275, -4.4073, 22.4484

Sweetspot

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



51.0275, -20.9843, -18.4786



81.0957, -19.3910, -6.2119



56.8387, -48.3267, 33.2822



37.6765, -9.8474, -3.5861



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



51.0275, -20.9843, -18.4786



68.0975, -27.8350, -25.0282



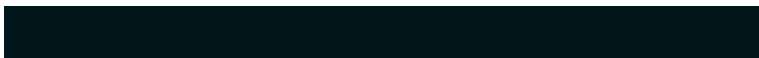
26.6667, 20.7079, -78.0289



30.6870, -3.4722, 0.4814



42.9787, -17.7502, -15.4020



7.9900, -3.6181, -2.1764

Inverse Universe

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



34.4739, 65.7038, -29.4397



46.1054, 87.8339, -39.0210



46.3454, 13.4053, 28.7913



29.3685, 2.0661, -0.4856



28.9911, 55.2793, -24.9176



5.1983, 10.0015, -5.1617

Previews

White Background



This preview shows how the HunterLab color 51.0266, -20.9845, -18.4794 looks on a white background.

Color Contrast Check

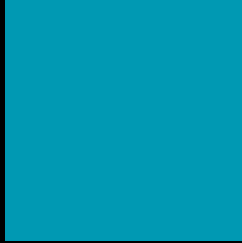
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.0266, -20.9845, -18.4794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

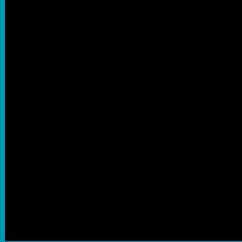
Any Text WCAG AA ✓ Pass

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 51.0266, -20.9845, -18.4794 Background



This preview shows how black text looks on a background with the HunterLab color 51.0266, -20.9845, -18.4794.



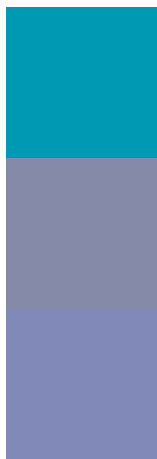
This preview shows how white text looks on a background with the HunterLab color 51.0266, -20.9845, -18.4794.

-20.9845, -18.4794.

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

51.0266, -20.9845, -18.4794

Protanopia

50.9015, 0.9485, -11.7690

Deuteranopia

50.8915, 3.5194, -20.7723



Tritanopia

50.8932, -24.0698, -11.6522

Trichromacy



Original Color

51.0266, -20.9845, -18.4794

Protanomaly

49.5059, -11.1873, -16.4340

Deuteranomaly

49.7711, -9.4202, -22.2162

Tritanomaly

51.0406, -23.2018, -13.7103

Monochromacy



Original Color

51.0266, -20.9845, -18.4794

Achromatopsia

39.4875, -2.1070, 2.1454

Achromatomaly

42.3947, -13.7296, -6.1735

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.0266, -20.9845, -18.4794 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, 153, 179)` looks like.

```
.text, #text, p{  
    color:rgb(0, 153, 179)  
}
```

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, 153, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 153, 179) }
```

Border

The CSS property to change the border of an element to HunterLab 51.0266, -20.9845, -18.4794 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, 153, 179) }
```


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

```
.border{ border-color:rgb(0, 153, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 153, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 153, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 153, 179);  
box-shadow:4px 4px 4px 4px rgb(0, 153,  
179) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.0266, -20.9845, -18.4794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 153, 179) }
```

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

```
.background{ background-color: rgb(0, 153,  
179) }
```

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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