

Converting Colors

HunterLab(51.0171, -20.2891,
-20.0297)

Have a look what the booklet for
HunterLab(51.0171, -20.2891,
-20.0297) contains.

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Color

**HunterLab(51.1064,
-20.5190, -19.5839)**

Conversions

Conversions Part 1

Format	Color
Hex	0099B5
RGB	0, 153, 181
RGB Percent	0%, 60%, 71%
CMY	0.9999, 0.4000, 0.2902
CMYK	1.00, 0.15, 0.00, 0.29
HSL	189°, 100%, 35%
HSV	189°, 100%, 71%
XYZ	19.7317, 26.1186, 47.7174
YIQ	110.4450, -100.1760, -23.7280

Conversions

Conversions Part 2

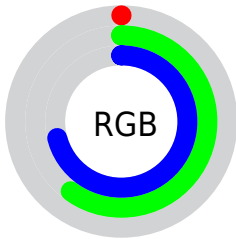
Format	Color
RYB	0, 83, 181
Decimal	39349
CIELab	58.15, -23.55, -24.07
CIELCh	58, 33.675, 225.627
Yxy	26.1196, 0.2109, 0.2791
Android (android.graphics.Color)	4278229429 (0xFF0099B5)
YUV	110.4450, 34.7836, -96.8603
Hunter-Lab	51.1064, -20.5190, -19.5839

Details

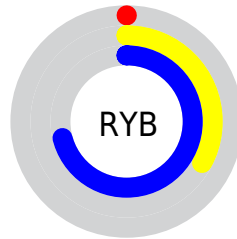
The HunterLab color **51.1064, -20.5190, -19.5839** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **32.6437, 49.3520, 20.9770**, and the grayscale version is **39.5609, -2.1109, 2.1494**.

A 20% lighter version of the original color is **73.2524, -24.4791, -20.1400**, and **33.2585, -11.7899, -16.1192** is the 20% darker color. If you saturate the color by 10%, you get **51.1053, -20.5173, -19.5862**, and if you desaturate by 10%, it is **52.1314, -21.2154, -17.9679**.

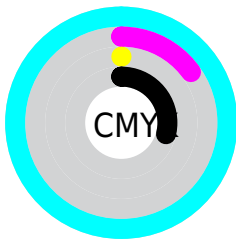
Distribution



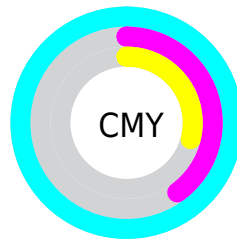
- Red (0%)
- Green (60%)
- Blue (71%)



- Red (0%)
- Yellow (33%)
- Blue (71%)



- Cyan (100%)
- Magenta (15%)
- Yellow (0%)
- Black (29%)



- Cyan (100%)
- Magenta (40%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.1064, -20.5190, -19.5839 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 51.1064, -20.5190, -19.5839 by changing the saturation by 10% instead.

51.1064, -20.5190,
-19.5839

51.1064, -20.5190,
-19.5839

168.3355,
-36.5697, -20.9900

41.1256, -18.5488,
-19.1413

73.1217, -24.2738,
-20.2869

31.8944, -16.4856,
-18.6483

85.0754, -26.0885,
-20.5484

23.4809, -14.2890,
-18.1285

97.6178, -27.8747,
-20.7521

15.9737, -11.8905,
-17.6525

110.7223,
-29.6390, -20.9004

9.4995, -11.3118,
-17.4514

124.3658,
-31.3869, -20.9959

0.0000, NaN, -NF

138.5277,

0.0000, NaN, -NF

-33.1226, -21.0412

0.0000, NaN, NaN

153.1898,
-34.8492, -21.0385

0.0000, NaN, NaN

■ 51.1064, -20.5190,
-19.5839

■ 51.1064, -20.5190,
-19.5839

■ 51.1053, -20.5173,
-19.5862

■ 52.1314, -21.2154,
-17.9679

■ 53.2686, -21.4887,
-16.2105

■ 54.5534, -21.2084,
-14.2679

■ 55.9952, -20.3451,
-12.1410

■ 57.5985, -18.8932,
-9.8392

■ 59.3638, -16.8655,
-7.3777

■ 61.2894, -14.2874,
-4.7743

■ 63.3712, -11.1934,
-2.0480

■ 65.6040, -7.6232,
0.7824

Harmonies

Analogous

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



51.1073, -26.5362, -4.7510



51.1064, -20.5190, -19.5839



51.1073, -9.3568, -29.4659

Triad

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



51.1073, -20.5188, -19.5830



51.1073, 26.6214, -4.1225



51.1073, -9.9047, 22.0593

Complementary

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



51.1064, -20.5190, -19.5839



32.6437, 49.3520, 20.9770

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.



51.1073, 4.2533, 22.1414



51.1064, -20.5190, -19.5839



51.1073, 26.4331, 9.3183

Square

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



51.1073, -20.5188, -19.5830



51.1073, 18.3733, -19.0156



51.1073, 17.8839, 18.1293



51.1073, -20.8819, 17.8622

Rectangle

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



51.1064, -20.5190, -19.5839



51.1073, -0.0147, -30.5597



51.1073, 17.8839, 18.1293



51.1073, -5.3892, 22.5209

Sweetspot

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



51.1073, -20.5188, -19.5830



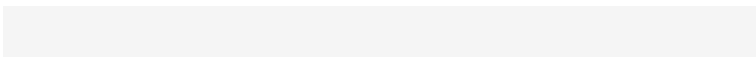
81.8822, -19.3175, -6.5750



57.5572, -48.8583, 33.5317



37.5608, -9.6790, -3.7365



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.



51.1073, -20.5188, -19.5830



68.1922, -27.1942, -26.5299



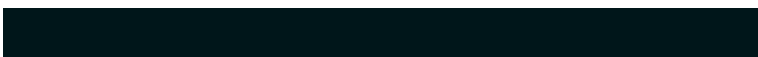
26.3306, 22.6577, -81.8176



30.6645, -3.4361, 0.4546



42.5287, -17.1622, -16.1089



7.9329, -3.5458, -2.2610

Inverse Universe

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



34.8204, 66.2303, -28.7012



46.5675, 88.5336, -38.0110



47.6462, 12.1338, 29.5705



29.3661, 2.0534, -0.4519



28.9241, 55.0432, -24.0212



5.1895, 9.9706, -5.0448

Previews

White Background



This preview shows how the HunterLab color 51.1064, -20.5190, -19.5839 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 51.1064, -20.5190, -19.5839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

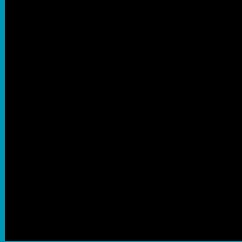
Any Text WCAG AA ✓ Pass

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 51.1064, -20.5190, -19.5839 Background



This preview shows how black text looks on a background with the HunterLab color 51.1064, -20.5190, -19.5839.



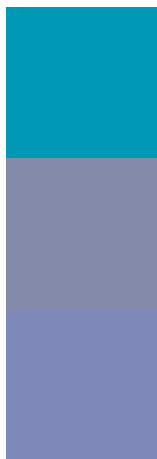
This preview shows how white text looks on a background with the HunterLab color 51.1064,

-20.5190, -19.5839.

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

51.1064, -20.5190, -19.5839

Protanopia

50.9753, 1.3469, -12.7991

Deuteranopia

50.8981, 3.7064, -22.0386



Tritanopia

51.2179, -24.4723, -11.1893

Trichromacy



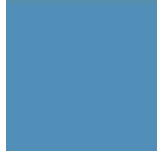
Original Color

51.1064, -20.5190, -19.5839



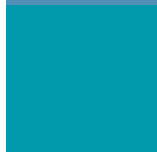
Protanomaly

49.5840, -10.7461, -17.5177



Deuteranomaly

49.8547, -8.9512, -23.3661



Tritanomaly

51.0781, -22.9815, -14.2328

Monochromacy



Original Color

51.1064, -20.5190, -19.5839



Achromatopsia

39.4875, -2.1070, 2.1454



Achromatomaly

42.4280, -13.5378, -6.6427

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.1064, -20.5190, -19.5839 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, 181)` looks like.

```
.text, #text, p{  
    color:rgb(0, 153, 181)  
}
```

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, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 153, 181) }
```

Border

The CSS property to change the border of an element to HunterLab 51.1064, -20.5190, -19.5839 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, 181) }
```


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

```
.border{ border-color:rgb(0, 153, 181) }
```

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, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 153, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 153, 181);  
box-shadow:4px 4px 4px 4px rgb(0, 153,  
181) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.1064, -20.5190, -19.5839 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, 181) }
```

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

```
.background{ background-color: rgb(0, 153,  
181) }
```

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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