

Converting Colors

HunterLab(50.3185, -24.6836,
-21.4863)

Have a look what the booklet for
HunterLab(50.3185, -24.6836,
-21.4863) contains.

HunterLab(51.4671, -20.7058, -19.6315)	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(51.4671,
-20.7058, -19.6315)**

Conversions

Conversions Part 1

Format	Color
Hex	009AB6
RGB	0, 154, 182
RGB Percent	0%, 60%, 71%
CMY	0.9999, 0.3961, 0.2863
CMYK	1.00, 0.15, 0.00, 0.29
HSL	189°, 100%, 36%
HSV	189°, 100%, 71%
XYZ	19.9991, 26.4886, 48.3147
YIQ	111.1460, -100.7720, -23.9400

Conversions

Conversions Part 2

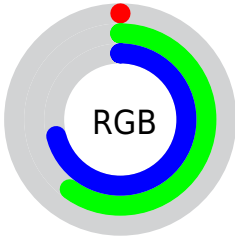
Format	Color
R _{YB}	0, 83, 182
Decimal	39606
CIE _{Lab}	58.50, -23.72, -24.10
CIE _{LCh}	58, 33.816, 225.456
Y _{xy}	26.4896, 0.2110, 0.2794
Android (android.graphics.Color)	4278229686 (0xFF009AB6)
YUV	111.1460, 34.9310, -97.4750
Hunter-Lab	51.4671, -20.7058, -19.6315

Details

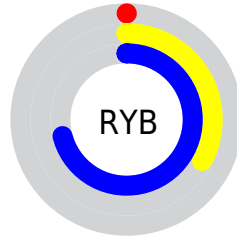
The HunterLab color **51.4671, -20.7058, -19.6315** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **32.8290, 49.7063, 21.0974**, and the grayscale version is **39.8286, -2.1252, 2.1640**.

A 20% lighter version of the original color is **73.6619, -24.5713, -20.1470**, and **33.5939, -11.9633, -16.1642** is the 20% darker color. If you saturate the color by 10%, you get **51.4660, -20.7041, -19.6338**, and if you desaturate by 10%, it is **52.4933, -21.4027, -18.0152**.

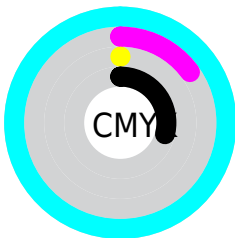
Distribution



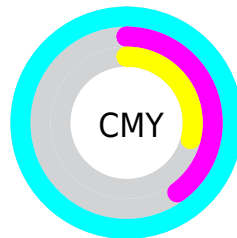
- Red (0%)
- Green (60%)
- Blue (71%)



- 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 51.4671, -20.7058, -19.6315 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 51.4671, -20.7058, -19.6315 by changing the saturation by 10% instead.

51.4671, -20.7058,
-19.6315

51.4671, -20.7058,
-19.6315

168.8719,
-36.8229, -21.0287

41.4611, -18.7273,
-19.1901

73.5280, -24.4767,
-20.3320

32.2028, -16.6558,
-18.6980

85.5028, -26.2993,
-20.5924

23.7594, -14.4512,
-18.1780

98.0652, -28.0930,
-20.7950

16.2188, -12.0456,
-17.6984

111.1888,
-29.8647, -20.9423

9.7058, -11.1881,
-17.4809

124.8507,
-31.6197, -21.0369

0.0000, NaN, -NF

139.0303,

0.0000, NaN, -NF

-33.3623, -21.0814

0.0000, NaN, NaN

153.7096,
-35.0958, -21.0779

0.0000, NaN, NaN

■ 51.4671, -20.7058,
-19.6315

■ 51.4671, -20.7058,
-19.6315

■ 51.4660, -20.7041,
-19.6338

■ 52.4933, -21.4027,
-18.0152

■ 53.6326, -21.6733,
-16.2561

■ 54.9203, -21.3868,
-14.3104

■ 56.3661, -20.5133,
-12.1788

■ 57.9744, -19.0472,
-9.8707

■ 59.7459, -17.0009,
-7.4012

■ 61.6789, -14.4002,
-4.7883

■ 63.7692, -11.2796,
-2.0510

■ 66.0117, -7.6791,
0.7916

Harmonies

Analogous

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



51.4680, -26.7305, -4.6941



51.4671, -20.7058, -19.6315



51.4680, -9.4950, -29.6230

Triad

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



51.4680, -20.7056, -19.6306



51.4680, 26.7680, -4.2339



51.4680, -9.8963, 22.2196

Complementary

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



51.4671, -20.7058, -19.6315



32.8290, 49.7063, 21.0974

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.



51.4680, 4.3635, 22.2797



51.4671, -20.7058, -19.6315



51.4680, 26.6301, 9.3159

Square

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



51.4680, -20.7056, -19.6306



51.4680, 18.4249, -19.2151



51.4680, 18.0665, 18.2149



51.4680, -20.9715, 18.0193

Rectangle

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



51.4671, -20.7058, -19.6315



51.4680, -0.0997, -30.7665



51.4680, 18.0665, 18.2149



51.4680, -5.3457, 22.6767

Sweetspot

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



51.4680, -20.7056, -19.6306



82.9059, -19.5920, -6.6372



57.9113, -49.1606, 33.7418



38.4387, -9.9335, -3.8229



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



51.4680, -20.7056, -19.6306



69.0927, -27.6086, -26.7608



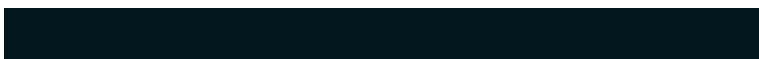
26.4828, 22.8227, -82.3639



31.5735, -3.5479, 0.4657



43.3400, -17.5176, -16.3556



8.5231, -3.7868, -2.4786

Inverse Universe

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



35.0416, 66.6622, -28.9692



47.1502, 89.6558, -38.5989



47.9333, 12.2207, 29.7490



30.2297, 2.1303, -0.4769



29.4594, 56.0693, -24.5233



5.5895, 10.7323, -5.3811

Previews

White Background



This preview shows how the HunterLab color 51.4671, -20.7058, -19.6315 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 51.4671, -20.7058, -19.6315 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

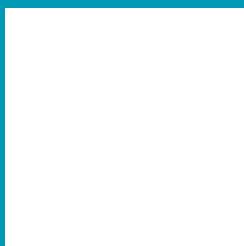
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 51.4671, -20.7058, -19.6315 Background



This preview shows how black text looks on a background with the HunterLab color 51.4671, -20.7058, -19.6315.



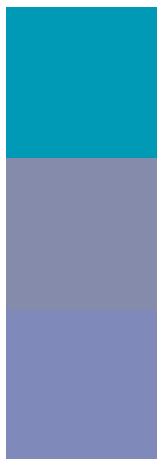
This preview shows how white text looks on a background with the HunterLab color 51.4671,

-20.7058, -19.6315.

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

51.4671, -20.7058, -19.6315

Protanopia

51.3732, 1.3259, -12.7863

Deuteranopia

51.2946, 3.6820, -22.0234



Tritanopia

51.5792, -24.6613, -11.2329

Trichromacy



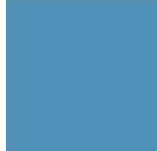
Original Color

51.4671, -20.7058, -19.6315



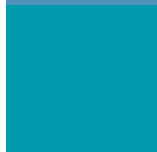
Protanomaly

49.9730, -10.8082, -17.5152



Deuteranomaly

50.1982, -9.1777, -23.4408



Tritanomaly

51.4391, -23.1694, -14.2783

Monochromacy



Original Color

51.4671, -20.7058, -19.6315



Achromatopsia

39.8699, -2.1274, 2.1662



Achromatomaly

42.8071, -13.6018, -6.6405

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.4671, -20.7058, -19.6315 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, 154, 182)` looks like.

```
.text, #text, p{  
    color:rgb(0, 154, 182)  
}
```

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, 154, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 154, 182) }
```

Border

The CSS property to change the border of an element to HunterLab 51.4671, -20.7058, -19.6315 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, 154, 182) }
```


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

```
.border{ border-color:rgb(0, 154, 182) }
```

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

Here you see how a box with a 4 pixel rgb(0, 154, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 154, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 154, 182);  
box-shadow:4px 4px 4px 4px rgb(0, 154,  
182) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.4671, -20.7058, -19.6315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 154, 182) }
```

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

```
.background{ background-color: rgb(0, 154,  
182) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor