

Converting Colors

HunterLab(47.6760, -34.1157,
-28.0522)

Have a look what the booklet for
HunterLab(47.6760, -34.1157,
-28.0522) contains.

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Color

**HunterLab(51.2691,
-19.5725, -21.8305)**

Conversions

Conversions Part 1

Format	Color
Hex	0099B9
RGB	0, 153, 185
RGB Percent	0%, 60%, 73%
CMY	0.9999, 0.4000, 0.2745
CMYK	1.00, 0.17, 0.00, 0.27
HSL	190°, 100%, 36%
HSV	190°, 100%, 73%
XYZ	20.1482, 26.2852, 49.9105
YIQ	110.9010, -101.4600, -22.4840

Conversions

Conversions Part 2

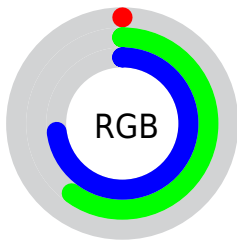
Format	Color
RYB	0, 84, 185
Decimal	39353
CIELab	58.31, -22.16, -26.09
CIELCh	58, 34.232, 229.659
Yxy	26.2861, 0.2091, 0.2728
Android (android.graphics.Color)	4278229433 (0xFF0099B9)
YUV	110.9010, 36.5308, -97.2602
Hunter-Lab	51.2691, -19.5725, -21.8305

Details

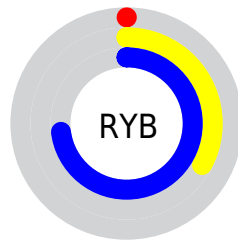
The HunterLab color **51.2691, -19.5725, -21.8305** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **33.6889, 49.7981, 21.6289**, and the grayscale version is **39.7292, -2.1199, 2.1586**.

A 20% lighter version of the original color is **73.4503, -23.4143, -22.3257**, and **33.4196, -10.8611, -18.3256** is the 20% darker color. If you saturate the color by 10%, you get **51.2677, -19.5704, -21.8334**, and if you desaturate by 10%, it is **52.4229, -20.4423, -19.9671**.

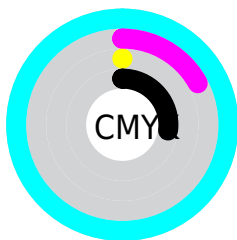
Distribution



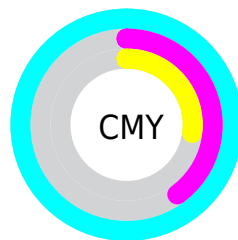
- Red (0%)
- Green (60%)
- Blue (73%)



- Red (0%)
- Yellow (33%)
- Blue (73%)



- Cyan (100%)
- Magenta (17%)
- Yellow (0%)
- Black (27%)



- Cyan (100%)
- Magenta (40%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.2691, -19.5725, -21.8305 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 51.2691, -19.5725, -21.8305 by changing the saturation by 10% instead.

51.2691, -19.5725,
-21.8305

51.2691, -19.5725,
-21.8305

168.5775,
-35.0192, -23.7492

41.2769, -17.6931,
-21.3400

73.3050, -23.1658,
-22.6429

32.0335, -15.7304,
-20.8093

85.2682, -24.9077,
-22.9620

23.6065, -13.6470,
-20.2712

97.8196, -26.6249,
-23.2239

16.0842, -11.3801,
-19.8176

110.9328,
-28.3238, -23.4306

9.5924, -10.5863,
-19.7391

124.5845,
-30.0092, -23.5842

0.0000, NaN, -NF

0.0000, NaN, -NF

138.7545,

-31.6850, -23.6870

0.0000, NaN, NaN

153.4243,
-33.3541, -23.7413

0.0000, NaN, NaN

■ 51.2691, -19.5725,
-21.8305

■ 51.2691, -19.5725,
-21.8305

■ 51.2677, -19.5704,
-21.8334

■ 52.4229, -20.4423,
-19.9671

■ 53.6954, -20.8690,
-17.9603

■ 55.1218, -20.7226,
-15.7673

■ 56.7110, -19.9748,
-13.3914

■ 58.4667, -18.6231,
-10.8449

■ 60.3887, -16.6827,
-8.1452

■ 62.4742, -14.1822,
-5.3120

■ 64.7185, -11.1582,
-2.3656

■ 67.1155, -7.6524,
0.6746

Harmonies

Analogous

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



51.2700, -26.4480, -6.9615



51.2691, -19.5725, -21.8305



51.2700, -7.6492, -30.7712

Triad

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



51.2700, -19.5722, -21.8296



51.2700, 27.6847, -2.2036



51.2700, -11.7881, 22.0160

Complementary

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



51.2691, -19.5725, -21.8305



33.6889, 49.7981, 21.6289

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.



51.2700, 2.3645, 22.6315



51.2691, -19.5725, -21.8305



51.2700, 26.2582, 10.9383

Square

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



51.2700, -19.5722, -21.8296



51.2700, 20.2986, -17.5254



51.2700, 16.5936, 19.1742



51.2700, -22.3118, 17.1659

Rectangle

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



51.2691, -19.5725, -21.8305



51.2700, 2.0258, -30.8586



51.2700, 16.5936, 19.1742



51.2700, -7.3347, 22.6612

Sweetspot

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



51.2700, -19.5722, -21.8296



83.4599, -19.1678, -7.3063



58.9888, -49.9874, 34.1799



38.1989, -9.5833, -4.1362



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.



51.2700, -19.5722, -21.8296



68.3868, -25.8924, -29.5834



26.2961, 25.0081, -86.8482



31.5263, -3.4723, 0.4097



42.4156, -16.2968, -17.8357



8.3949, -3.6230, -2.6718

Inverse Universe

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



35.5178, 67.2949, -27.2450



47.4981, 89.9482, -36.0218



49.5646, 10.9813, 30.7324



30.2247, 2.1037, -0.4064



29.3232, 55.5893, -22.6980



5.5699, 10.6635, -5.1207

Previews

White Background



This preview shows how the HunterLab color 51.2691, -19.5725, -21.8305 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 51.2691, -19.5725, -21.8305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

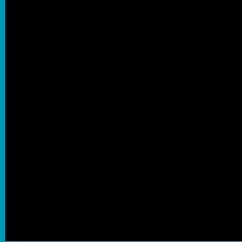
Any Text WCAG AA ✓ Pass

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 51.2691, -19.5725, -21.8305 Background



This preview shows how black text looks on a background with the HunterLab color 51.2691, -19.5725, -21.8305.



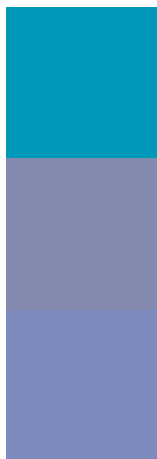
This preview shows how white text looks on a background with the HunterLab color 51.2691,

-19.5725, -21.8305.

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

51.2691, -19.5725, -21.8305

Protanopia

51.0473, 1.8926, -15.0222

Deuteranopia

51.1967, 3.6055, -24.1445



Tritanopia

51.2179, -24.4723, -11.1893

Trichromacy



Original Color

51.2691, -19.5725, -21.8305

Protanomaly

49.6974, -10.0151, -19.8015

Deuteranomaly

49.9812, -8.1554, -25.7825

Tritanomaly

51.1539, -22.5369, -15.2873

Monochromacy



Original Color

51.2691, -19.5725, -21.8305

Achromatopsia

39.8699, -2.1274, 2.1662

Achromatomaly

42.5397, -12.9853, -7.5271

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.2691, -19.5725, -21.8305 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, 185)` looks like.

```
.text, #text, p{  
    color:rgb(0, 153, 185)  
}
```

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, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 153, 185) }
```

Border

The CSS property to change the border of an element to HunterLab 51.2691, -19.5725, -21.8305 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, 185) }
```


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

```
.border{ border-color:rgb(0, 153, 185) }
```

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, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 153, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 153, 185);  
box-shadow:4px 4px 4px 4px rgb(0, 153,  
185) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.2691, -19.5725, -21.8305 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, 185) }
```

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

```
.background{ background-color: rgb(0, 153,  
185) }
```

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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