

Converting Colors

HunterLab(51.2491, -19.8928,
-8.7923)

Have a look what the booklet for
HunterLab(51.2491, -19.8928,
-8.7923) contains.

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Color

**HunterLab(51.2100,
-19.8381, -8.9095)**

Conversions

Conversions Part 1

Format	Color
Hex	4198A3
RGB	65, 152, 163
RGB Percent	25%, 60%, 64%
CMY	0.7451, 0.4039, 0.3608
CMYK	0.60, 0.07, 0.00, 0.36
HSL	187°, 43%, 45%
HSV	187°, 60%, 64%
XYZ	20.0191, 26.2246, 38.6571
YIQ	127.2410, -55.3830, -15.0230

Conversions

Conversions Part 2

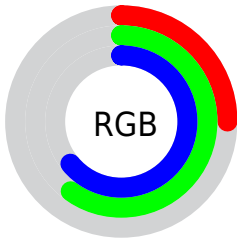
Format	Color
R _Y B	65, 111, 163
Decimal	4298915
CIE Lab	58.25, -22.55, -13.60
CIE LCh	58, 26.336, 211.094
Yxy	26.2256, 0.2358, 0.3089
Android (android.graphics.Color)	4282488995 (0xFF4198A3)
YUV	127.2410, 17.6292, -54.5854
Hunter-Lab	51.2100, -19.8381, -8.9095

Details

The HunterLab color **51.2100, -19.8381, -8.9095** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **36.5208, 27.2106, 14.8602**, and the grayscale version is **46.1128, -2.4605, 2.5054**.

A 20% lighter version of the original color is **73.4156, -23.5979, -8.7422**, and **32.3343, -15.0550, -7.9156** is the 20% darker color. If you saturate the color by 10%, you get **50.1577, -20.8805, -10.4184**, and if you desaturate by 10%, it is **52.4051, -18.2778, -7.2314**.

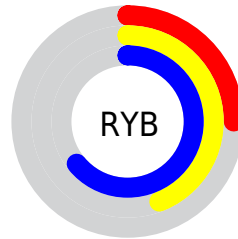
Distribution



Red (25%)

Green (60%)

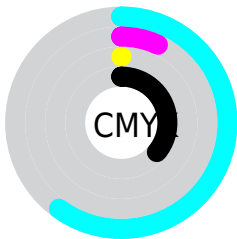
Blue (64%)



Red (25%)

Yellow (44%)

Blue (64%)

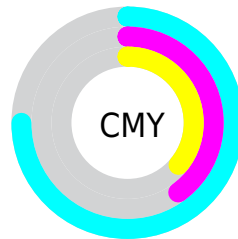


Cyan (60%)

Magenta (7%)

Yellow (0%)

Black (36%)



Cyan (75%)

Magenta (40%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.2100, -19.8381, -8.9095 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 51.2100, -19.8381, -8.9095 by changing the saturation by 10% instead.

■ 51.2100, -19.8381,
-8.9095

■ 51.2100, -19.8381,
-8.9095

168.4897,
-35.4556, -7.2654

■ 41.2220, -17.9335,
-8.8108

■ 73.2385, -23.4774,
-8.9065

■ 31.9830, -15.9424,
-8.6391

■ 85.1983, -25.2398,
-8.8167

■ 23.5609, -13.8270,
-8.3883

■ 97.7464, -26.9765,
-8.6734

■ 16.0441, -11.5228,
-8.0581

■ 110.8564,
-28.6938, -8.4803

■ 9.5587, -10.7964,
-7.6729

■ 124.5052,
-30.3969, -8.2404

0.0000, NaN, -NF

0.0000, NaN, NaN

138.6722,

-32.0895, -7.9564

0.0000, NaN, NaN

153.3392,
-33.7749, -7.6308

0.0000, NaN, NaN

■ 51.2100, -19.8381,
-8.9095

■ 51.2100, -19.8381,
-8.9095

■ 50.1577, -20.8805,
-10.4184

■ 52.4051, -18.2778,
-7.2314

■ 49.2399, -21.4141,
-11.7567

■ 53.7425, -16.2054,
-5.3955

■ 48.4480, -21.4692,
-12.9276

■ 55.2230, -13.6392,
-3.4134

■ 47.7552, -21.1817,
-13.9647

■ 56.8445, -10.6066,
-1.2999

■ 58.6036, -7.1407,
0.9296

■ 60.4958, -3.2778,
3.2596

■ 62.5155, 0.9445,
5.6753

■ 64.6572, 5.4889,
8.1631

■ 66.9148, 10.3200,
10.7108

Harmonies

Analogous

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



51.2110, -22.4639, 2.3965



51.2100, -19.8381, -8.9095



51.2110, -12.6960, -18.4836

Triad

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



51.2110, -19.8383, -8.9087



51.2110, 17.4261, -8.0882



51.2110, -3.1440, 19.2790

Complementary

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



51.2100, -19.8381, -8.9095



36.5208, 27.2106, 14.8602

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.



51.2110, 8.0504, 17.6254



51.2100, -19.8381, -8.9095



51.2110, 20.5221, 3.1755

Square

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



51.2110, -19.8383, -8.9087



51.2110, 8.8190, -17.9430



51.2110, 16.9562, 12.2448



51.2110, -13.3480, 17.3623

Rectangle

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



51.2100, -19.8381, -8.9095



51.2110, -6.0137, -21.7441



51.2110, 16.9562, 12.2448



51.2110, 0.6279, 19.1257

Sweetspot

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



51.2110, -19.8383, -8.9087



76.4790, -13.4070, -1.2174



52.7485, -36.3356, 24.4246



35.9441, -6.9332, -0.9628



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



51.2110, -19.8383, -8.9087



66.7091, -28.2458, -14.5432



37.0270, 1.5470, -32.6423



28.0622, -3.2601, 0.5371



42.1489, -18.7356, -12.2376



6.3972, -3.0757, -1.3564

Inverse Universe

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



37.1952, 43.6669, -23.6693



45.8472, 69.3785, -36.9556



47.4702, 4.3217, 23.0794



26.8112, 1.8805, -0.5238



27.6361, 53.0662, -26.6263



4.0511, 7.8497, -4.4533

Previews

White Background



This preview shows how the HunterLab color 51.2100, -19.8381, -8.9095 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 51.2100, -19.8381, -8.9095 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

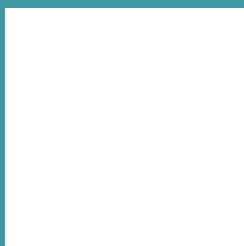
Any Text WCAG AAA × Fail

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

HunterLab 51.2100, -19.8381, -8.9095 Background



This preview shows how black text looks on a background with the HunterLab color 51.2100, -19.8381, -8.9095.



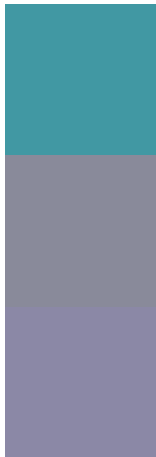
This preview shows how white text looks on a background with the HunterLab color 51.2100,

-19.8381, -8.9095.

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

51.2100, -19.8381, -8.9095

Protanopia

50.8217, -0.2959, -4.3551

Deuteranopia

50.8433, 3.4791, -10.6795



Tritanopia

51.2451, -19.6340, -9.4024

Trichromacy



Original Color

51.2100, -19.8381, -8.9095

Protanomaly

50.4567, -8.8292, -6.5461

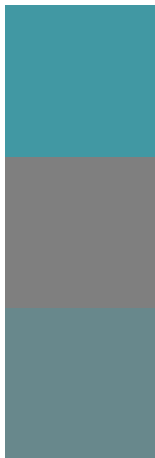
Deuteranomaly

50.5048, -6.5759, -10.7837

Tritanomaly

51.2451, -19.6340, -9.4024

Monochromacy



Original Color

51.2100, -19.8381, -8.9095

Achromatopsia

46.0685, -2.4581, 2.5030

Achromatomaly

47.3760, -10.3915, -2.0394

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.2100, -19.8381, -8.9095 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(65, 152, 163)` looks like.

```
.text, #text, p{  
    color:rgb(65, 152, 163)  
}
```

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(65, 152, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 152, 163) }
```

Border

The CSS property to change the border of an element to HunterLab 51.2100, -19.8381, -8.9095 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(65, 152, 163) }
```


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

```
.border{ border-color:rgb(65, 152, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 152, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 152, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 152, 163);  
box-shadow:4px 4px 4px 4px rgb(65, 152,  
163) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.2100, -19.8381, -8.9095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 152, 163) }
```

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

```
.background{ background-color: rgb(65, 152,  
163) }
```

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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