

Converting Colors

Hex(1C8176)

Have a look what the booklet for
Hex(1C8176) contains.

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Color

Hex(1C8176)

Conversions

Conversions Part 1

Format	Color
Hex	1C8176
RGB	28, 129, 118
RGB Percent	11%, 51%, 46%
CMY	0.8902, 0.4941, 0.5373
CMYK	0.78, 0.00, 0.09, 0.49
HSL	173°, 64%, 31%
HSV	173°, 78%, 51%
XYZ	11.5992, 17.2554, 19.8588
YIQ	97.5470, -56.6650, -24.8330

Conversions

Conversions Part 2

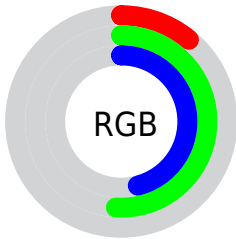
Format	Color
R_{YB}	28, 81, 129
Decimal	1868150
CIE Lab	48.58, -30.35, -2.08
CIE LCh	49, 30.426, 183.912
Yxy	17.2554, 0.2381, 0.3542
Android (android.graphics.Color)	4280058230 (0xFF1C8176)
YUV	97.5470, 10.0833, -60.9927
Hunter-Lab	41.5396, -22.8515, 0.7330

Details

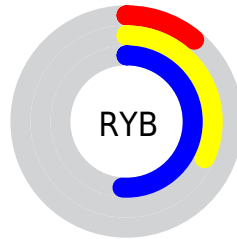
The Hex color **1C8176** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **811C27**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **5BB6AA**, and **004F46** is the 20% darker color. If you saturate the color by 10%, you get **0F8175**, and if you desaturate by 10%, it is **298177**.

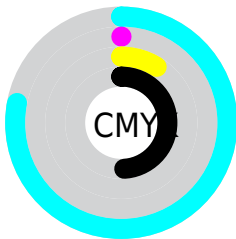
Distribution



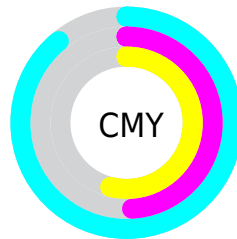
- Red (11%)
- Green (51%)
- Blue (46%)



- Red (11%)
- Yellow (32%)
- Blue (51%)



- Cyan (78%)
- Magenta (0%)
- Yellow (9%)
- Black (49%)



- Cyan (89%)
- Magenta (49%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C8176 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 Hex color 1C8176 by changing the saturation by 10% instead.

 1C8176

 1C8176

FFFFFF

 00685D

 5BB6AA

 004F46

 77D2C5

 003730

 93EFE1

 00231B

 B0FFFE

 000000

 CDFFFF

 EAFFFF

 1C8176

 1C8176

 0F8175

 298177

■ 028173

■ 368179

■ 008173

■ 43817A

■ 50817C

■ 5D817D

■ 69817E

■ 768180

■ 838181

■ 908183

Harmonies

Analogous

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



467F5C



1C8176



00808F

Triad

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



1C8176



7B6B9E



966A46

Complementary

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



1C8176



811C27

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.



A36258



1C8176



96638A

Square

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



1C8176



5275A6



A45F71



81733F

Rectangle

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



1C8176



007E9C



A45F71



9C674B

Sweetspot

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



1C8176



82A8A4



28811C



3D5452



D4D4D4



545454

Same Dimension

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



1C8176



0AA897



1C5A81



39403F



008072



000000

Inverse Universe

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



811C27



A80A1B



81431C



40393A



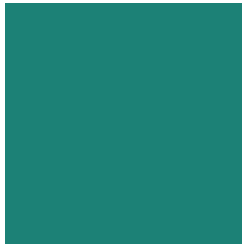
80000E



000000

Previews

White Background



This preview shows how the Hex color 1C8176 looks on a white background.

Color Contrast Check

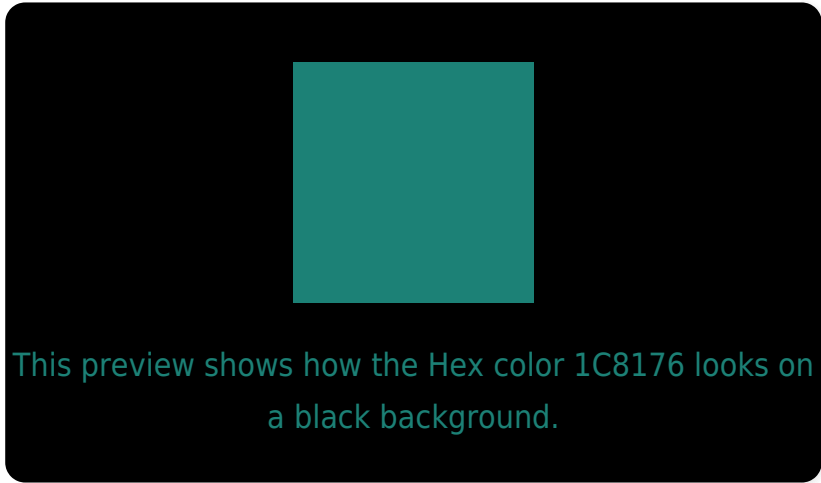
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

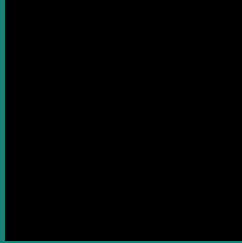
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 1C8176 Background



This preview shows how black text looks on a background with the Hex color 1C8176.

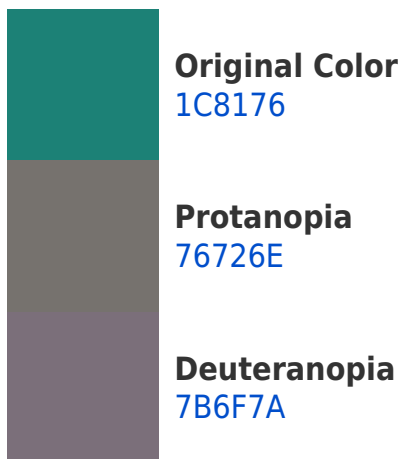


This preview shows how white text looks on a background with the Hex color 1C8176.

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





Tritanopia
297E89

Trichromacy



Original Color
1C8176



Protanomaly
557771



Deuteranomaly
587679



Tritanomaly
247F82

Monochromacy



Original Color
1C8176



Achromatopsia
626262



Achromatomaly
496D69

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C8176 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 #1C8176 looks like.

```
.text, #text, p{  
    color:#1C8176  
}
```

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 #1C8176 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C8176
}
```

Border

The CSS property to change the border of an element to Hex 1C8176 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
#1C8176 }
```

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

```
.border{ border-color:#1C8176 }
```

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

Here you see how a box with a 4 pixel #1C8176 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C8176; -webkit-box-shadow:4px 4px  
4px 4px #1C8176; box-shadow:4px 4px 4px  
4px #1C8176 }
```

Background

The CSS property to change the background color of an element to Hex 1C8176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C8176 }
```

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

```
.background{ background-color:#1C8176 }
```

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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