

# Converting Colors

Hex(00B19C)

Have a look what the booklet for  
Hex(00B19C) contains.

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**Color**

**Hex(00B19C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00B19C
RGB	0, 177, 156
RGB Percent	0%, 69%, 61%
CMY	1.0000, 0.3059, 0.3882
CMYK	1.00, 0.00, 0.12, 0.31
HSL	173°, 100%, 35%
HSV	173°, 100%, 69%
XYZ	21.7229, 33.8446, 36.8402
YIQ	121.6830, -98.7510, -44.0550

# Conversions

## Conversions Part 2

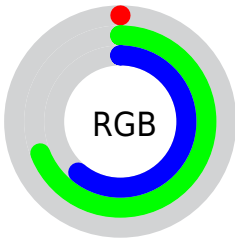
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 94, 177
Decimal	45468
CIELab	64.84, -42.74, 0.01
CIELCh	65, 42.743, 179.982
Yxy	33.8446, 0.2351, 0.3663
Android (android.graphics.Color)	4278235548 (0xFF00B19C)
YUV	121.6830, 16.9183, -106.7160
Hunter-Lab	58.1761, -35.1565, 3.1777

# Details

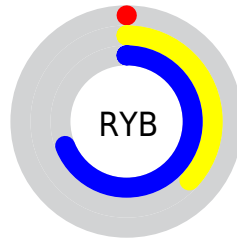
The Hex color **00B19C** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **B10015**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **60E9D2**, and **007B69** is the 20% darker color. If you saturate the color by 10%, you get **00B19C**, and if you desaturate by 10%, it is **12B19E**.

# Distribution



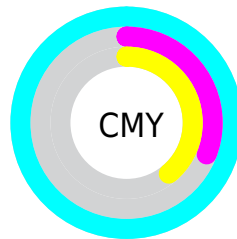
- Red (0%)
- Green (69%)
- Blue (61%)



- Red (0%)
- Yellow (37%)
- Blue (69%)



- Cyan (100%)
- Magenta (0%)
- Yellow (12%)
- Black (31%)



- Cyan (100%)
- Magenta (31%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00B19C 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 00B19C by changing the saturation by 10% instead.



 00B19C

 00B19C

FFFFFF

 009682

 60E9D2

 007B69

 7FFFEF

 006251

 9EFFFF

 00493A

 BCFFFF

 003124

 DBFFFF

 001A10

 F9FFFF

 000000

 00B19C

 12B19E

 23B1A0

 35B1A2

 47B1A4

 59B1A7

 6AB1A9

 7CB1AB

 8EB1AD

 9FB1AF

# Harmonies

## Analogous

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



5EAE76



00B19C



00B0C2

# Triad

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



00B19C



A093E0



D38D5C

# Complementary

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



00B19C



B10015

# 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.



E48279



00B19C



CD85C4

# Square

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



00B19C



5EA1E9



E37E9F



B59B4F

# Rectangle

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



00B19C



00ADD7



E37E9F



DB8964



# Sweetspot

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



00B19C



A1E6DD



18B100



49736E



F2F2F2



737373



# Same Dimension

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



00B19C



00E6CA



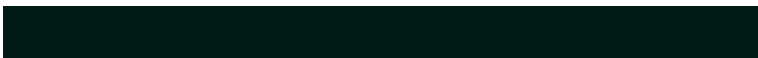
0070B1



505958



009987



001A16



# Inverse Universe

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



B10015



E6001B



B14100



595051



990012

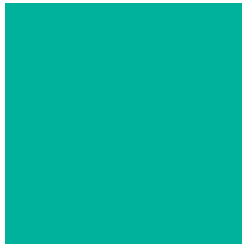


1A0003



# Previews

## White Background



This preview shows how the Hex color 00B19C looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 00B19C looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

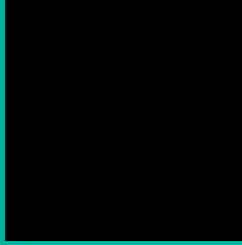
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 00B19C Background



This preview shows how black text looks on a background with the Hex color 00B19C.

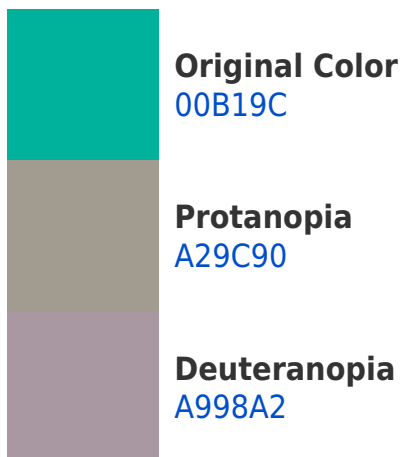


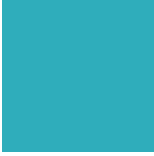
This preview shows how white text looks on a background with the Hex color 00B19C.

# 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





# Trichromacy



**Original Color**  
00B19C



**Protanomaly**  
67A494



**Deuteranomaly**  
6CA1A0



**Tritanomaly**  
1EAEB0

# Monochromacy



**Original Color**  
00B19C



**Achromatopsia**  
7A7A7A



**Achromatomaly**  
4E8E86

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00B19C 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 #00B19C looks like.

```
.text, #text, p{  
    color:#00B19C  
}
```

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 #00B19C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B19C
}
```

## Border

The CSS property to change the border of an element to Hex 00B19C 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
#00B19C }
```

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

```
.border{ border-color:#00B19C }
```

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

Here you see how a box with a 4 pixel #00B19C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B19C; -webkit-box-shadow:4px 4px  
4px 4px #00B19C; box-shadow:4px 4px 4px  
4px #00B19C }
```

# Background

The CSS property to change the background color of an element to Hex 00B19C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B19C }
```

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

```
.background{ background-color:#00B19C }
```

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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