

# Converting Colors

Hex(00C19D)

Have a look what the booklet for  
Hex(00C19D) contains.

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# Color

Hex(00C19D)

# Conversions

## Conversions Part 1

Format	Color
Hex	00C19D
RGB	0, 193, 157
RGB Percent	0%, 76%, 62%
CMY	1.0000, 0.2431, 0.3843
CMYK	1.00, 0.00, 0.19, 0.24
HSL	169°, 100%, 38%
HSV	169°, 100%, 76%
XYZ	25.1558, 40.5742, 38.4041
YIQ	131.1890, -103.4720, -52.1120

# Conversions

## Conversions Part 2

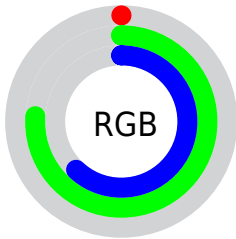
Format	Color
<a href="#">RYB</a>	<a href="#">0, 106, 193</a>
Decimal	<a href="#">49565</a>
CIELab	<a href="#">69.88, -49.13, 6.75</a>
CIElCh	<a href="#">70, 49.597, 172.173</a>
Yxy	<a href="#">40.5742, 0.2416, 0.3896</a>
Android (android.graphics.Color)	<a href="#">4278239645</a> ( <a href="#">0xFF00C19D</a> )
YUV	<a href="#">131.1890, 12.7248, -115.0528</a>
Hunter-Lab	<a href="#">63.6979, -40.9776, 8.8421</a>

# Details

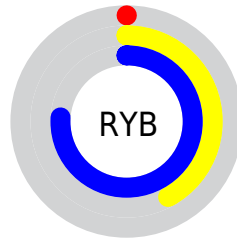
The Hex color **00C19D** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **C10024**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **64FAD4**, and **008A6A** is the 20% darker color. If you saturate the color by 10%, you get **00C19D**, and if you desaturate by 10%, it is **13C1A1**.

# Distribution



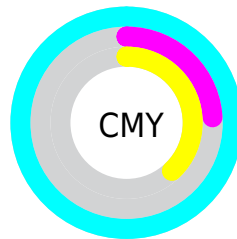
- Red (0%)
- Green (76%)
- Blue (62%)



- Red (0%)
- Yellow (42%)
- Blue (76%)



- Cyan (100%)
- Magenta (0%)
- Yellow (19%)
- Black (24%)



- Cyan (100%)
- Magenta (24%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00C19D 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 00C19D by changing the saturation by 10% instead.



 00C19D

 00C19D

FFFFFF

 00A583


 64FAD4

 008A6A

 84FFF0

 007052

 A3FFFF

 00563B

 C1FFFF

 003E25

 E0FFFF

 002810

 000000

 00C19D

 13C1A1

 27C1A4

 3AC1A8

 4DC1AB

 61C1AF

 74C1B3

 87C1B6

 9AC1BA

 AEC1BD

# Harmonies

## Analogous

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



6FBC72



00C19D



00C1CB

# Triad

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



00C19D



9BA4FE



F09465

# Complementary

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



00C19D



C10024

# 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.



FF878B



00C19D



D792E2

# Square

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



00C19D



37B3FF



F886B9



D0A44F

# Rectangle

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



00C19D



00BFE6



F886B9



F78F70

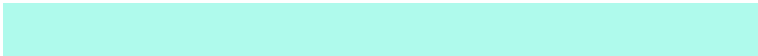


# Sweetspot

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



00C19D



AFFAEC



27C100



507D75



FCFCFC



7D7D7D



# Same Dimension

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



00C19D



00FACB



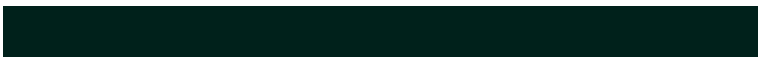
0087C1



57615F



00A183



00211B



# Inverse Universe

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



C10024



FA002F



C13A00



615759



A1001E

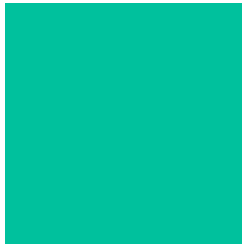


210006



# Previews

## White Background



This preview shows how the Hex color 00C19D looks on a white background.

## Color Contrast Check

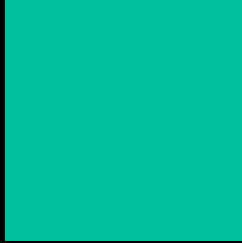
Large Text (above 18pt) WCAG AA × Fail

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 00C19D looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

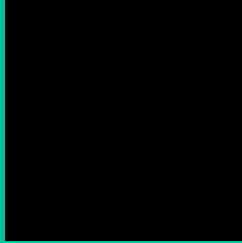
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 00C19D Background



This preview shows how black text looks on a background with the Hex color 00C19D.

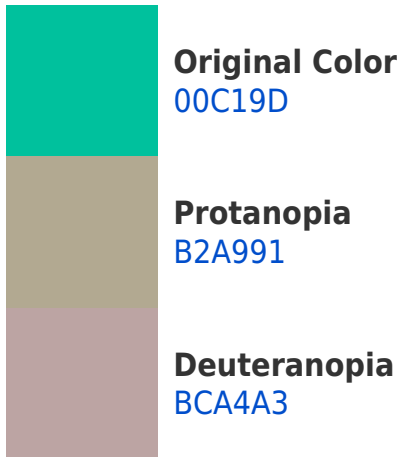


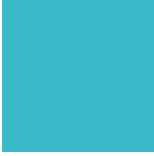
This preview shows how white text looks on a background with the Hex color 00C19D.

# 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**  
39BBCA

# Trichromacy



**Original Color**  
00C19D



**Protanomaly**  
71B295



**Deuteranomaly**  
78AFA1



**Tritanomaly**  
24BDBA

# Monochromacy



**Original Color**  
00C19D



**Achromatopsia**  
838383



**Achromatomaly**  
539A8C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00C19D 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 #00C19D looks like.

```
.text, #text, p{  
    color:#00C19D  
}
```

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 #00C19D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C19D
}
```

## Border

The CSS property to change the border of an element to Hex 00C19D 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
#00C19D }
```

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

```
.border{ border-color:#00C19D }
```

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

Here you see how a box with a 4 pixel #00C19D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C19D; -webkit-box-shadow:4px 4px  
4px 4px #00C19D; box-shadow:4px 4px 4px  
4px #00C19D }
```

# Background

The CSS property to change the background color of an element to Hex 00C19D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C19D }
```

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

```
.background{ background-color:#00C19D }
```

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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