

# Converting Colors

Hex(00C79E)

Have a look what the booklet for  
Hex(00C79E) contains.

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**Color**

**Hex(00C79E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00C79E
RGB	0, 199, 158
RGB Percent	0%, 78%, 62%
CMY	1.0000, 0.2196, 0.3804
CMYK	1.00, 0.00, 0.21, 0.22
HSL	168°, 100%, 39%
HSV	168°, 100%, 78%
XYZ	26.5950, 43.3155, 39.3068
YIQ	134.8250, -105.4430, -54.9390

# Conversions

## Conversions Part 2

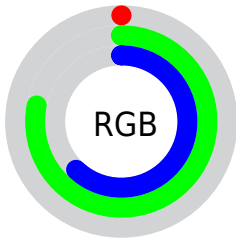
Format	Color
<a href="#">RYB</a>	<a href="#">0, 111, 199</a>
Decimal	<a href="#">51102</a>
CIELab	<a href="#">71.77, -51.28, 8.92</a>
CIELCh	<a href="#">72, 52.050, 170.135</a>
Yxy	<a href="#">43.3155, 0.2435, 0.3966</a>
Android (android.graphics.Color)	<a href="#">4278241182 (0xFF00C79E)</a>
YUV	<a href="#">134.8250, 11.4253, -118.2415</a>
Hunter-Lab	<a href="#">65.8145, -43.0453, 10.6600</a>

# Details

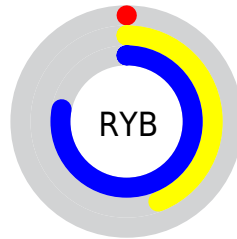
The Hex color **00C79E** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **C70029**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **65FFD5**, and **00906B** is the 20% darker color. If you saturate the color by 10%, you get **00C79E**, and if you desaturate by 10%, it is **14C7A2**.

# Distribution



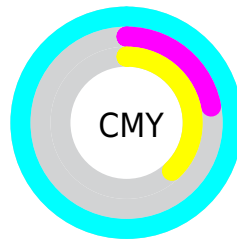
- Red (0%)
- Green (78%)
- Blue (62%)



- Red (0%)
- Yellow (44%)
- Blue (78%)



- Cyan (100%)
- Magenta (0%)
- Yellow (21%)
- Black (22%)



- Cyan (100%)
- Magenta (22%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00C79E 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 00C79E by changing the saturation by 10% instead.



 00C79E

 00C79E

FFFFFF

 00AB84

 65FFD5

 00906B

 86FFF1

 007552

 A5FFFF

 005C3B

 C4FFF1

 004326

 E2FFF1

 002D11

 000C00

 000000

 00C79E

 14C7A2

 28C7A6

 3CC7AA

 50C7AE

 64C7B3

 77C7B7

 8BC7BB

 9FC7BF

 B3C7C3

# Harmonies

## Analogous

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



75C271



00C79E



00C8CF

# Triad

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



00C79E



9AAAFF



FA9669

# Complementary

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



00C79E



C70029

# 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.



FF8992



00C79E



DB97ED

# Square

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



00C79E



1CBAFF



FF89C2



D9A850

# Rectangle

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



00C79E



00C6EC



FF89C2



FF9175

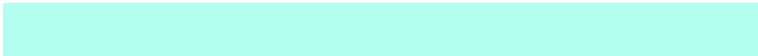


# Sweetspot

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



00C79E



B3FFEF



2BC700



528076



000000



808080



# Same Dimension

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



00C79E



00FFCA



008FC7



5A6361



00A382



00241C



# Inverse Universe

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



C70029



FF0035



C73800



635A5C



A30022

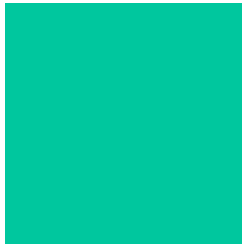


240007



# Previews

## White Background



This preview shows how the Hex color 00C79E 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 00C79E 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 00C79E Background



This preview shows how black text looks on a background with the Hex color 00C79E.



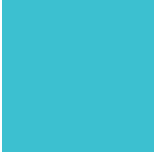
This preview shows how white text looks on a background with the Hex color 00C79E.

# 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



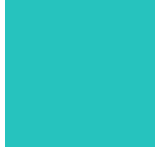
**Original Color**  
00C79E



**Protanomaly**  
75B796



**Deuteranomaly**  
7CB4A2



**Tritanomaly**  
26C3BE

# Monochromacy



**Original Color**  
00C79E



**Achromatopsia**  
878787



**Achromatomaly**  
569E8F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00C79E 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 #00C79E looks like.

```
.text, #text, p{  
    color:#00C79E  
}
```

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 #00C79E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C79E
}
```

## Border

The CSS property to change the border of an element to Hex 00C79E 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
#00C79E }
```

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

```
.border{ border-color:#00C79E }
```

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

Here you see how a box with a 4 pixel #00C79E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C79E; -webkit-box-shadow:4px 4px  
4px 4px #00C79E; box-shadow:4px 4px 4px  
4px #00C79E }
```

# Background

The CSS property to change the background color of an element to Hex 00C79E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C79E }
```

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

```
.background{ background-color:#00C79E }
```

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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