

Converting Colors

Hex(00C79F)

Have a look what the booklet for
Hex(00C79F) contains.

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Color

Hex(00C79F)

Conversions

Conversions Part 1

Format	Color
Hex	00C79F
RGB	0, 199, 159
RGB Percent	0%, 78%, 62%
CMY	1.0000, 0.2196, 0.3765
CMYK	1.00, 0.00, 0.20, 0.22
HSL	168°, 100%, 39%
HSV	168°, 100%, 78%
XYZ	26.6814, 43.3501, 39.7620
YIQ	134.9390, -105.7640, -54.6280

Conversions

Conversions Part 2

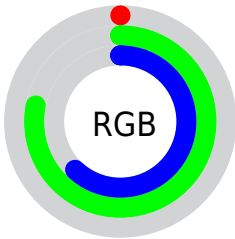
Format	Color
RYB	0, 111, 199
Decimal	51103
CIELab	71.79, -51.03, 8.41
CIELCh	72, 51.716, 170.641
Yxy	43.3501, 0.2430, 0.3948
Android (android.graphics.Color)	4278241183 (0xFF00C79F)
YUV	134.9390, 11.8621, -118.3415
Hunter-Lab	65.8408, -42.8856, 10.2826

Details

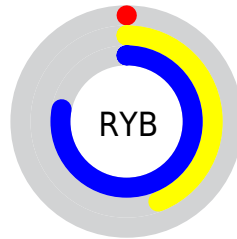
The Hex color **00C79F** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **C70028**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **65FFD6**, and **00906C** is the 20% darker color. If you saturate the color by 10%, you get **00C79F**, and if you desaturate by 10%, it is **14C7A3**.

Distribution



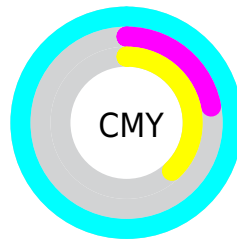
- Red (0%)
- Green (78%)
- Blue (62%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (20%)
- Black (22%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 00C79F 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 00C79F by changing the saturation by 10% instead.

 00C79F

FFFFFF

 65FFD6

 86FFF2

 A5FFFF

 C4FFFF

 E2FFFF

 00C79F

 00AB85

 00906C

 007553

 005C3C

 004326

 002D12

 000C00

 000000

 00C79F

 14C7A3

 28C7A7

 3CC7AB

 50C7AF

 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.



74C272



00C79F



00C8D0

Triad

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



00C79F



9CA9FF



FA9768

Complementary

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



00C79F



C70028

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.



FF8A91



00C79F



DC97EC

Square

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



00C79F



26B9FF



FF8AC1



D9A851

Rectangle

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



00C79F



00C5EC



FF8AC1



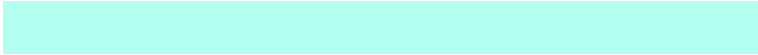
FF9275

Sweetspot

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



00C79F



B3FFF0



2BC700



528076



000000



808080

Same Dimension

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



00C79F



00FFCC



008FC7



5A6361



00A382



00241D

Inverse Universe

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



C70028



FF0033



C73800



635A5C



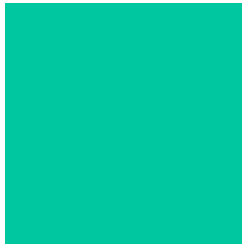
A30021



240007

Previews

White Background



This preview shows how the Hex color 00C79F looks on a white background.

Color Contrast Check

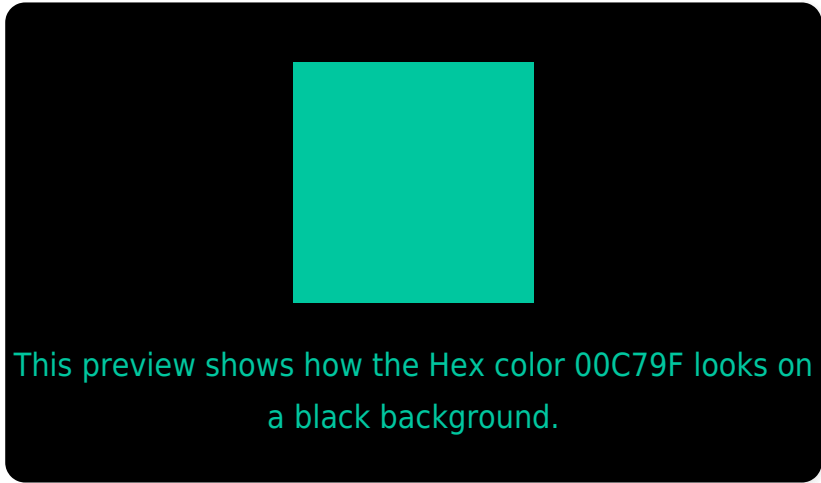
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

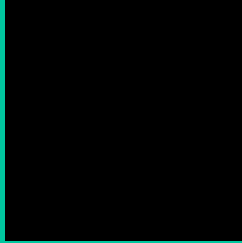
Any Text WCAG AA ✓ Pass

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 00C79F Background



This preview shows how black text looks on a background with the Hex color 00C79F.



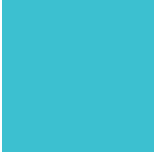
This preview shows how white text looks on a background with the Hex color 00C79F.

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



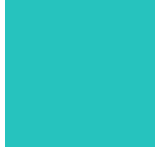
Original Color
00C79F



Protanomaly
75B797



Deuteranomaly
7CB4A3



Tritanomaly
26C3BE

Monochromacy



Original Color
00C79F



Achromatopsia
878787



Achromatomaly
569E90

CSS Examples

Text

The CSS property to change the color of the text to Hex 00C79F 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 #00C79F looks like.

```
.text, #text, p{  
    color:#00C79F  
}
```

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 #00C79F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C79F
}
```

Border

The CSS property to change the border of an element to Hex 00C79F 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
#00C79F }
```

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

```
.border{ border-color:#00C79F }
```

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

Here you see how a box with a 4 pixel #00C79F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C79F; -webkit-box-shadow:4px 4px  
4px 4px #00C79F; box-shadow:4px 4px 4px  
4px #00C79F }
```

Background

The CSS property to change the background color of an element to Hex 00C79F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C79F }
```

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

```
.background{ background-color:#00C79F }
```

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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