

Converting Colors

Hex(04C79C)

Have a look what the booklet for
Hex(04C79C) contains.

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Color

Hex(04C79C)

Conversions

Conversions Part 1

Format	Color
Hex	04C79C
RGB	4, 199, 156
RGB Percent	2%, 78%, 61%
CMY	0.9843, 0.2196, 0.3882
CMYK	0.98, 0.00, 0.22, 0.22
HSL	167°, 96%, 40%
HSV	167°, 98%, 78%
XYZ	26.4742, 43.2730, 38.4097
YIQ	135.7930, -102.4170, -54.7130

Conversions

Conversions Part 2

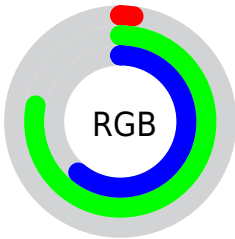
Format	Color
RYB	4, 114, 199
Decimal	313244
CIELab	71.74, -51.65, 9.96
CIELCh	72, 52.604, 169.086
Yxy	43.2730, 0.2448, 0.4001
Android (android.graphics.Color)	4278503324 (0xFF04C79C)
YUV	135.7930, 9.9621, -115.5825
Hunter-Lab	65.7822, -43.2809, 11.4286

Details

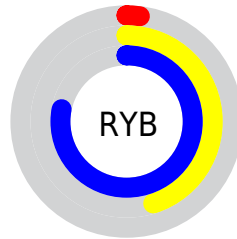
The Hex color **04C79C** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **C7042F**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **66FFD3**, and **009069** is the 20% darker color. If you saturate the color by 10%, you get **00C79B**, and if you desaturate by 10%, it is **18C7A0**.

Distribution



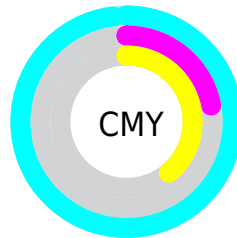
- Red (2%)
- Green (78%)
- Blue (61%)



- Red (2%)
- Yellow (45%)
- Blue (78%)



- Cyan (98%)
- Magenta (0%)
- Yellow (22%)
- Black (22%)



- Cyan (98%)
- Magenta (22%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 04C79C 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 04C79C by changing the saturation by 10% instead.

 04C79C

 04C79C

FFFFFF

 00AB82

 66FFD3

 009069

 86FFEF

 007551

 A5FFFF

 005C3A

 C4FFFF

 004324

 E3FFFF

 002D0F

 000C00

 000000

 04C79C

 04C79C

■ 00C79B

■ 18C7A0

■ 2CC7A5

■ 40C7A9

■ 54C7AE

■ 68C7B2

■ 7BC7B6

■ 8FC7BB

■ A3C7BF

■ B7C7C3

Harmonies

Analogous

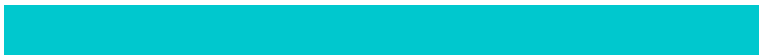
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76C16F



04C79C



00C8CE

Triad

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



04C79C



96AAFF



FC9569

Complementary

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



04C79C



C7042F

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.



FF8893



04C79C



DA97EF

Square

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



04C79C



00BAFF



FF89C3



DBA74F

Rectangle

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



04C79C



00C6EB



FF89C3



FF9076

Sweetspot

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



04C79C



B5FFEF



32C704



538076



000000



808080

Same Dimension

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



04C79C



00FFC7



0493C7



5A6361



00A37F



00241C

Inverse Universe

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



C7042F



FF0038



C73804



635A5C



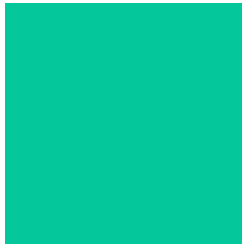
A30024



240008

Previews

White Background



This preview shows how the Hex color 04C79C looks on a white background.

Color Contrast Check

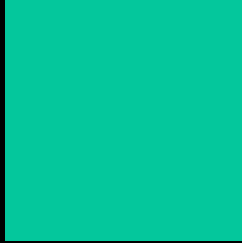
Large Text (above 18pt) WCAG AA × Fail

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 04C79C looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

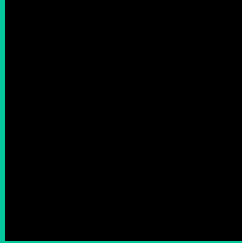
Any Text WCAG AA ✓ Pass

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 04C79C Background



This preview shows how black text looks on a background with the Hex color 04C79C.



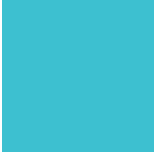
This preview shows how white text looks on a background with the Hex color 04C79C.

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
3DC0D0

Trichromacy



Original Color
04C79C



Protanomaly
77B794



Deuteranomaly
7EB3A0



Tritanomaly
28C3BD

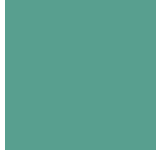
Monochromacy



Original Color
04C79C



Achromatopsia
888888



Achromatomaly
589F8F

CSS Examples

Text

The CSS property to change the color of the text to Hex 04C79C 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 #04C79C looks like.

```
.text, #text, p{  
    color:#04C79C  
}
```

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 #04C79C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04C79C
}
```

Border

The CSS property to change the border of an element to Hex 04C79C 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
#04C79C }
```

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

```
.border{ border-color:#04C79C }
```

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

Here you see how a box with a 4 pixel #04C79C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04C79C; -webkit-box-shadow:4px 4px  
4px 4px #04C79C; box-shadow:4px 4px 4px  
4px #04C79C }
```

Background

The CSS property to change the background color of an element to Hex 04C79C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04C79C }
```

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

```
.background{ background-color:#04C79C }
```

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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