

# Converting Colors

Hex(03C99D)

Have a look what the booklet for  
Hex(03C99D) contains.

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**Color**

**Hex(03C99D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	03C99D
RGB	3, 201, 157
RGB Percent	1%, 79%, 62%
CMY	0.9882, 0.2118, 0.3843
CMYK	0.99, 0.00, 0.22, 0.21
HSL	167°, 97%, 40%
HSV	167°, 99%, 79%
XYZ	27.0100, 44.2270, 39.0114
YIQ	136.7820, -103.8840, -55.6600

# Conversions

## Conversions Part 2

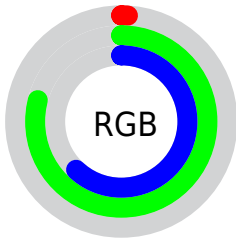
Format	Color
<a href="#">RYB</a>	<a href="#">3, 114, 201</a>
Decimal	<a href="#">248221</a>
CIELab	<a href="#">72.38, -52.22, 10.33</a>
CIELCh	<a href="#">72, 53.235, 168.812</a>
Yxy	<a href="#">44.2270, 0.2450, 0.4012</a>
Android (android.graphics.Color)	<a href="#">4278438301 (0xFF03C99D)</a>
YUV	<a href="#">136.7820, 9.9675, -117.3268</a>
Hunter-Lab	<a href="#">66.5034, -43.8840, 11.7724</a>

# Details

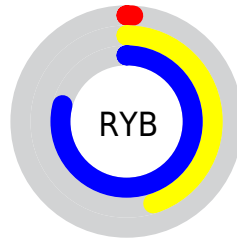
The Hex color **03C99D** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **C9032F**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **66FFD4**, and **00926A** is the 20% darker color. If you saturate the color by 10%, you get **00C99C**, and if you desaturate by 10%, it is **17C9A1**.

# Distribution



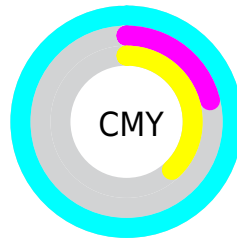
- Red (1%)
- Green (79%)
- Blue (62%)



- Red (1%)
- Yellow (45%)
- Blue (79%)



- Cyan (99%)
- Magenta (0%)
- Yellow (22%)
- Black (21%)



- Cyan (99%)
- Magenta (21%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 03C99D 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 03C99D by changing the saturation by 10% instead.



 03C99D

 03C99D

FFFFFF

 00AD83

 66FFD4

 00926A

 86FFF0

 007752

 A6FFFF

 005D3A

 C5FFFF

 004425

 E3FFFF

 002E10

 000F00

 000000

 03C99D

 03C99D

■ 00C99C

■ 17C9A1

■ 2BC9A6

■ 3FC9AA

■ 53C9AF

■ 68C9B3

■ 7CC9B8

■ 90C9BC

■ A4C9C1

■ B8C9C5

# Harmonies

## Analogous

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



78C36F



03C99D



00CACF

# Triad

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



03C99D



97ACFF



FF966A

# Complementary

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



03C99D



C9032F

# 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.



FF8A95



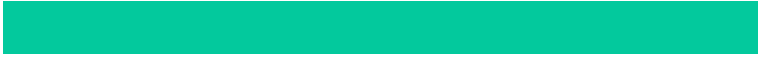
03C99D



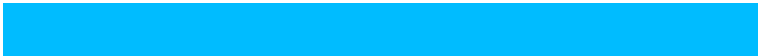
DC99F2

# Square

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



03C99D



00BCFF



FF8AC6



DEA850

# Rectangle

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



03C99D



00C8ED



FF8AC6



FF9177

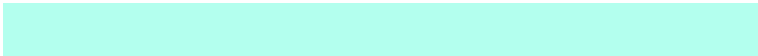


# Sweetspot

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



03C99D



B3FFEE



31C903



528075



000000



808080



# Same Dimension

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



03C99D



00FFC6



0394C9



5A6361



00A37F



00241C



# Inverse Universe

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



C9032F



FF0039



C93803



635A5C



A30024

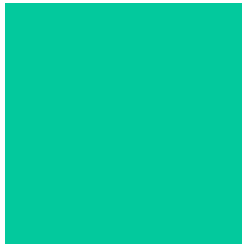


240008



# Previews

## White Background



This preview shows how the Hex color 03C99D 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 03C99D 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 03C99D Background



This preview shows how black text looks on a background with the Hex color 03C99D.

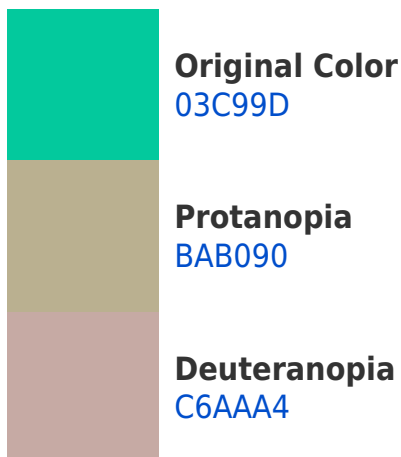


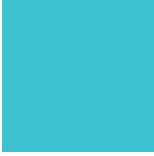
This preview shows how white text looks on a background with the Hex color 03C99D.

# 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**  
3EC2D2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 03C99D 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 #03C99D looks like.

```
.text, #text, p{  
    color:#03C99D  
}
```

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 #03C99D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03C99D
}
```

## Border

The CSS property to change the border of an element to Hex 03C99D 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
#03C99D }
```

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

```
.border{ border-color:#03C99D }
```

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

Here you see how a box with a 4 pixel #03C99D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03C99D; -webkit-box-shadow:4px 4px  
4px 4px #03C99D; box-shadow:4px 4px 4px  
4px #03C99D }
```

# Background

The CSS property to change the background color of an element to Hex 03C99D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03C99D }
```

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

```
.background{ background-color:#03C99D }
```

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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