

Converting Colors

Hex(03BD9E)

Have a look what the booklet for
Hex(03BD9E) contains.

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Color

Hex(03BD9E)

Conversions

Conversions Part 1

Format	Color
Hex	03BD9E
RGB	3, 189, 158
RGB Percent	1%, 74%, 62%
CMY	0.9882, 0.2588, 0.3804
CMYK	0.98, 0.00, 0.16, 0.26
HSL	170°, 97%, 38%
HSV	170°, 98%, 74%
XYZ	24.4067, 38.8832, 38.5666
YIQ	129.8520, -100.9050, -49.0730

Conversions

Conversions Part 2

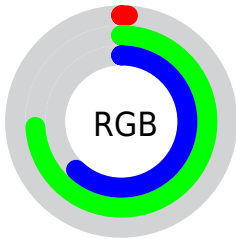
Format	Color
RYB	3, 104, 189
Decimal	245150
CIELab	68.67, -47.14, 4.47
CIElCh	69, 47.349, 174.584
Yxy	38.8832, 0.2396, 0.3817
Android (android.graphics.Color)	4278435230 (0xFF03BD9E)
YUV	129.8520, 13.8770, -111.2492
Hunter-Lab	62.3564, -39.2576, 6.9794

Details

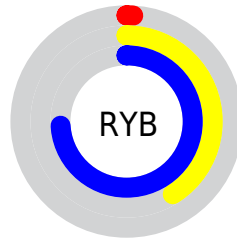
The Hex color **03BD9E** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **BD0322**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **63F6D5**, and **00876B** is the 20% darker color. If you saturate the color by 10%, you get **00BD9D**, and if you desaturate by 10%, it is **16BDA1**.

Distribution



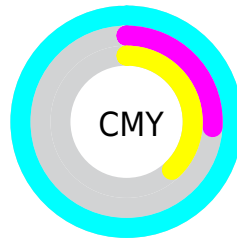
- Red (1%)
- Green (74%)
- Blue (62%)



- Red (1%)
- Yellow (41%)
- Blue (74%)



- Cyan (98%)
- Magenta (0%)
- Yellow (16%)
- Black (26%)



- Cyan (99%)
- Magenta (26%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 03BD9E 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 03BD9E by changing the saturation by 10% instead.

 03BD9E

 03BD9E

FFFFFF

 00A184

 63F6D5

 00876B

 83FFF1

 006C53

 A2FFFF

 00533C

 C1FFFF

 003B26

 DFFFFF

 002511

FEFFFF

 000000

 03BD9E

 03BD9E

 00BD9D

 16BDA1

 29BDA4

 3CBDA7

 4FBDA8

 62BDAE

 74BDB1

 87BDB4

 9ABDB7

 ADBDBA

Harmonies

Analogous

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



6BB974



03BD9E



00BDCA

Triad

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



03BD9E



9F9FF5



E89363

Complementary

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



03BD9E



BD0322

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.



F88786



03BD9E



D58FDA

Square

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



03BD9E



4AAEFC



F385B1



C8A250

Rectangle

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



03BD9E



00BBE2



F385B1



EF8E6D

Sweetspot

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



03BD9E



ABF5E9



22BD03



4E7A73



FAFAFA



7A7A7A

Same Dimension

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



03BD9E



00F5CC



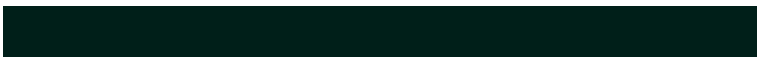
037FBD



555E5D



009E84



001F19

Inverse Universe

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



BD0322



F50029



BD4103



5E5556



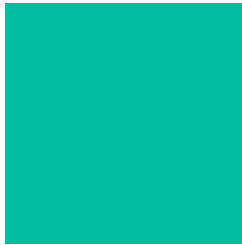
9E001A



1F0005

Previews

White Background



This preview shows how the Hex color 03BD9E 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 03BD9E looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

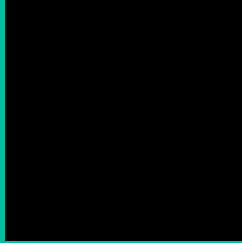
Any Text WCAG AA ✓ Pass

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 03BD9E Background



This preview shows how black text looks on a background with the Hex color 03BD9E.

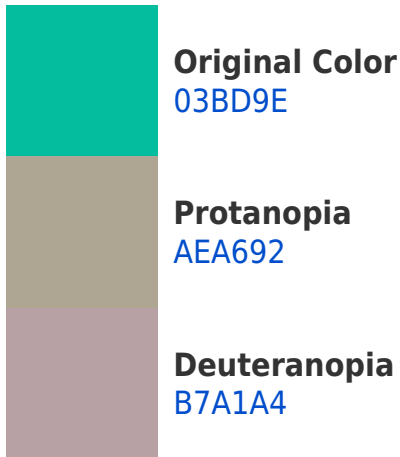


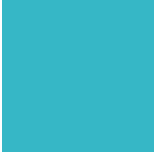
This preview shows how white text looks on a background with the Hex color 03BD9E.

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
36B7C6

Trichromacy



Original Color
03BD9E



Protanomaly
70AE96



Deuteranomaly
76ABA2



Tritanomaly
23B9B7

Monochromacy



Original Color
03BD9E



Achromatopsia
828282



Achromatomaly
54978C

CSS Examples

Text

The CSS property to change the color of the text to Hex 03BD9E 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 #03BD9E looks like.

```
.text, #text, p{  
    color:#03BD9E  
}
```

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 #03BD9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03BD9E
}
```

Border

The CSS property to change the border of an element to Hex 03BD9E 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
#03BD9E }
```

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

```
.border{ border-color:#03BD9E }
```

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

Here you see how a box with a 4 pixel #03BD9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03BD9E; -webkit-box-shadow:4px 4px  
4px 4px #03BD9E; box-shadow:4px 4px 4px  
4px #03BD9E }
```

Background

The CSS property to change the background color of an element to Hex 03BD9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03BD9E }
```

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

```
.background{ background-color:#03BD9E }
```

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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