

Converting Colors

Hex(00BE9C)

Have a look what the booklet for
Hex(00BE9C) contains.

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Color

Hex(00BE9C)

Conversions

Conversions Part 1

Format	Color
Hex	00BE9C
RGB	0, 190, 156
RGB Percent	0%, 75%, 61%
CMY	1.0000, 0.2549, 0.3882
CMYK	1.00, 0.00, 0.18, 0.25
HSL	169°, 100%, 37%
HSV	169°, 100%, 75%
XYZ	24.4142, 39.2272, 37.7373
YIQ	129.3140, -102.3260, -50.8540

Conversions

Conversions Part 2

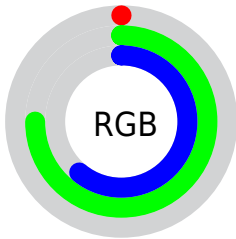
Format	Color
RYB	0, 104, 190
Decimal	48796
CIELab	68.92, -48.18, 5.92
CIELCh	69, 48.540, 172.995
Yxy	39.2272, 0.2408, 0.3869
Android (android.graphics.Color)	4278238876 (0xFF00BE9C)
YUV	129.3140, 13.1562, -113.4084
Hunter-Lab	62.6316, -40.0249, 8.1182

Details

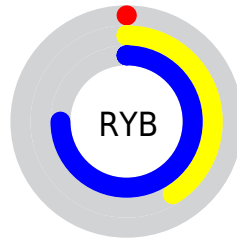
The Hex color **00BE9C** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **BE0022**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **63F7D2**, and **008769** is the 20% darker color. If you saturate the color by 10%, you get **00BE9C**, and if you desaturate by 10%, it is **13BE9F**.

Distribution



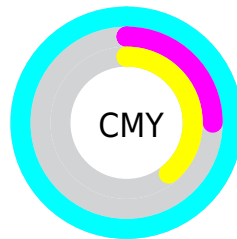
- Red (0%)
- Green (75%)
- Blue (61%)



- Red (0%)
- Yellow (41%)
- Blue (75%)



- Cyan (100%)
- Magenta (0%)
- Yellow (18%)
- Black (25%)



- Cyan (100%)
- Magenta (25%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00BE9C 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 00BE9C by changing the saturation by 10% instead.

 00BE9C

 00BE9C

FFFFFF

 00A282

 63F7D2

 008769

 83FFEF

 006D51

 A2FFFF

 00543A

 C0FFFF

 003B24

 DFFFFF

 00250F

FEFFFF

 000000

 00BE9C

 13BE9F

 26BEA3

 39BEA6

 4CBEAA

 5FBEAD

 72BEB0

 85BEB4

 98BEB7

 ABBEBB

Harmonies

Analogous

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



6CB971



00BE9C



00BEC9

Triad

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



00BE9C



9BA1F9



EB9263

Complementary

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



00BE9C



BE0022

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.



FB8688



00BE9C



D590DE

Square

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



00BE9C



3EB0FF



F484B4



CBA24F

Rectangle

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



00BE9C



00BCE3



F484B4



F38D6E

Sweetspot

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



00BE9C



ADF7EA



23BE00



507D75



FCFCFC



7D7D7D

Same Dimension

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



00BE9C



00F7CB



0082BE



555E5D



009E82



001F19

Inverse Universe

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



BE0022



F7002C



BE3C00



5E5557



9E001C



1F0005

Previews

White Background



This preview shows how the Hex color 00BE9C 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 00BE9C 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 00BE9C Background



This preview shows how black text looks on a background with the Hex color 00BE9C.

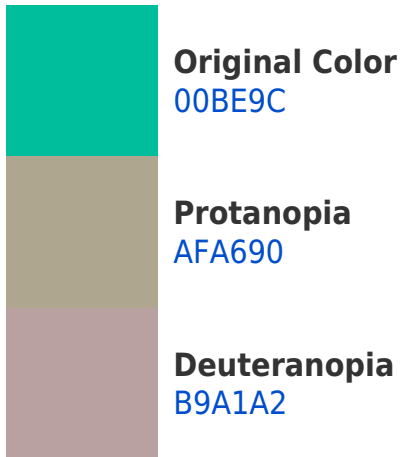


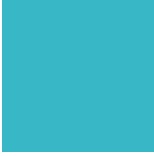
This preview shows how white text looks on a background with the Hex color 00BE9C.

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
38B8C7

Trichromacy



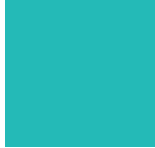
Original Color
00BE9C



Protanomaly
6FAF94



Deuteranomaly
76ACA0



Tritanomaly
24BAB7

Monochromacy



Original Color
00BE9C



Achromatopsia
818181



Achromatomaly
52978B

CSS Examples

Text

The CSS property to change the color of the text to Hex 00BE9C 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 #00BE9C looks like.

```
.text, #text, p{  
    color:#00BE9C  
}
```

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 #00BE9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BE9C
}
```

Border

The CSS property to change the border of an element to Hex 00BE9C 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
#00BE9C }
```

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

```
.border{ border-color:#00BE9C }
```

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

Here you see how a box with a 4 pixel #00BE9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BE9C; -webkit-box-shadow:4px 4px  
4px 4px #00BE9C; box-shadow:4px 4px 4px  
4px #00BE9C }
```

Background

The CSS property to change the background color of an element to Hex 00BE9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BE9C }
```

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

```
.background{ background-color:#00BE9C }
```

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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