

Converting Colors

Hex(00BFA9)

Have a look what the booklet for
Hex(00BFA9) contains.

Hex(00BFA9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(00BFA9)

Conversions

Conversions Part 1

Format	Color
Hex	00BFA9
RGB	0, 191, 169
RGB Percent	0%, 75%, 66%
CMY	1.0000, 0.2510, 0.3373
CMYK	1.00, 0.00, 0.12, 0.25
HSL	173°, 100%, 37%
HSV	173°, 100%, 75%
XYZ	25.7922, 40.1262, 43.9219
YIQ	131.3830, -106.7740, -47.3340

Conversions

Conversions Part 2

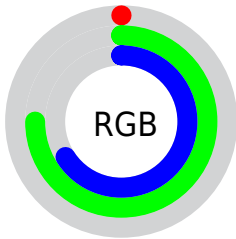
Format	Color
RYB	0, 101, 191
Decimal	49065
CIELab	69.56, -45.08, -0.26
CIELCh	70, 45.083, 180.330
Yxy	40.1262, 0.2348, 0.3653
Android (android.graphics.Color)	4278239145 (0xFF00BFA9)
YUV	131.3830, 18.5452, -115.2229
Hunter-Lab	63.3452, -38.1744, 3.2316

Details

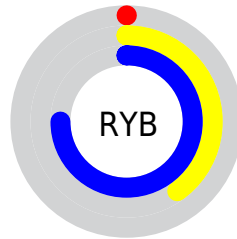
The Hex color **00BFA9** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **BF0016**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **64F8E0**, and **008875** is the 20% darker color. If you saturate the color by 10%, you get **00BFA9**, and if you desaturate by 10%, it is **13BFAB**.

Distribution



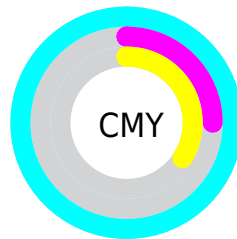
- Red (0%)
- Green (75%)
- Blue (66%)



- Red (0%)
- Yellow (40%)
- Blue (75%)



- Cyan (100%)
- Magenta (0%)
- Yellow (12%)
- Black (25%)



- Cyan (100%)
- Magenta (25%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00BFA9 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 00BFA9 by changing the saturation by 10% instead.

 00BFA9

 00BFA9

FFFFFF

 00A38F

 64F8E0

 008875

 84FFFD

 006E5C

 A3FFFF

 005545

 C2FFFF

 003D2F

 E1FFFF

 00271A

 000000

 00BFA9

 13BFAB

 26BFAD

 39BFB0

 4CBFB2

 60BFB4

 73BFB6

 86BFB8

 99BFBB

 ACBFBD

Harmonies

Analogous

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



66BC80



00BFA9



00BED2

Triad

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



00BFA9



AE9FF1



E39964

Complementary

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



00BFA9



BF0016

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.



F68D83



00BFA9



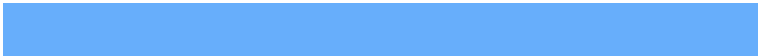
DD90D3

Square

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



00BFA9



67AEFB



F589AB



C3A856

Rectangle

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



00BFA9



00BBE8



F589AB



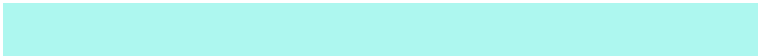
EB946C

Sweetspot

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



00BFA9



ADF7EF



16BF00



507D78



FCFCFC



7D7D7D

Same Dimension

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



00BFA9



00F7DB



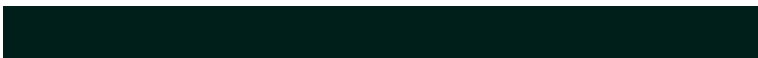
0076BF



555E5D



009E8C



001F1B

Inverse Universe

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



BF0016



F7001C



BF4900



5E5556



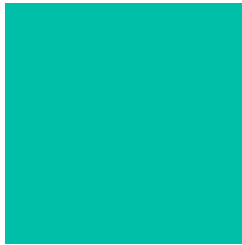
9E0012



1F0004

Previews

White Background



This preview shows how the Hex color 00BFA9 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 00BFA9 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 00BFA9 Background



This preview shows how black text looks on a background with the Hex color 00BFA9.

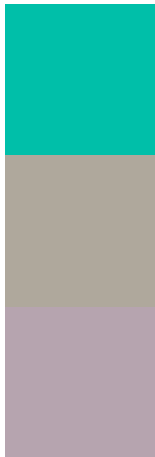


This preview shows how white text looks on a background with the Hex color 00BFA9.

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](#).

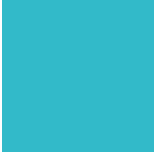
Dichromacy



Original Color
00BFA9

Protanopia
AFA89C

Deuteranopia
B6A4AF



Tritanopia
32BAC9

Trichromacy



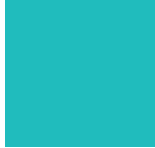
Original Color
00BFA9



Protanomaly
6FB0A1



Deuteranomaly
74AEAD



Tritanomaly
20BCBD

Monochromacy



Original Color
00BFA9



Achromatopsia
838383



Achromatomaly
539991

CSS Examples

Text

The CSS property to change the color of the text to Hex 00BFA9 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 #00BFA9 looks like.

```
.text, #text, p{  
    color:#00BFA9  
}
```

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 #00BFA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BFA9
}
```

Border

The CSS property to change the border of an element to Hex 00BFA9 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
#00BFA9 }
```

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

```
.border{ border-color:#00BFA9 }
```

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

Here you see how a box with a 4 pixel #00BFA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BFA9; -webkit-box-shadow:4px 4px  
4px 4px #00BFA9; box-shadow:4px 4px 4px  
4px #00BFA9 }
```

Background

The CSS property to change the background color of an element to Hex 00BFA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BFA9 }
```

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

```
.background{ background-color:#00BFA9 }
```

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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