

Converting Colors

Hex(00B09B)

Have a look what the booklet for
Hex(00B09B) contains.

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Color

Hex(00B09B)

Conversions

Conversions Part 1

Format	Color
Hex	00B09B
RGB	0, 176, 155
RGB Percent	0%, 69%, 61%
CMY	1.0000, 0.3098, 0.3922
CMYK	1.00, 0.00, 0.12, 0.31
HSL	173°, 100%, 35%
HSV	173°, 100%, 69%
XYZ	21.4417, 33.4172, 36.3304
YIQ	120.9820, -98.1550, -43.8430

Conversions

Conversions Part 2

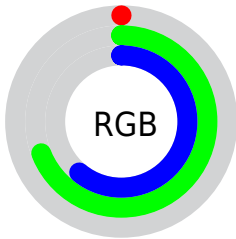
Format	Color
RYB	0, 94, 176
Decimal	45211
CIELab	64.50, -42.60, 0.07
CIElCh	64, 42.595, 179.905
Yxy	33.4172, 0.2351, 0.3665
Android (android.graphics.Color)	4278235291 (0xFF00B09B)
YUV	120.9820, 16.7709, -106.1012
Hunter-Lab	57.8076, -34.9550, 3.2033

Details

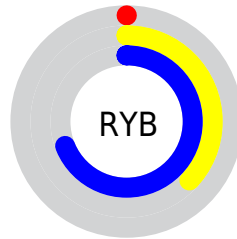
The Hex color **00B09B** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **B00015**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **60E8D1**, and **007A68** is the 20% darker color. If you saturate the color by 10%, you get **00B09B**, and if you desaturate by 10%, it is **12B09D**.

Distribution



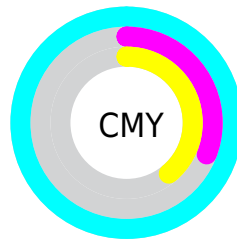
- Red (0%)
- Green (69%)
- Blue (61%)



- Red (0%)
- Yellow (37%)
- Blue (69%)



- Cyan (100%)
- Magenta (0%)
- Yellow (12%)
- Black (31%)



- Cyan (100%)
- Magenta (31%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00B09B 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 00B09B by changing the saturation by 10% instead.

 00B09B

 00B09B

FFFFFF

 009581

 60E8D1

 007A68

 7FFFE0

 006150

 9EFFFF

 004839

 BCFFFF

 003124

 DAFFFF

 00190F

 F9FFFF

 000000

 00B09B

 12B09D

 23B09F

 35B0A1

 46B0A3

 58B0A6

 6AB0A8

 7BB0AA

 8DB0AC

 9EB0AE

Harmonies

Analogous

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



5EAD75



00B09B



00AFC1

Triad

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



00B09B



9F93DE



D28D5B

Complementary

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



00B09B



B00015

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.



E38178



00B09B



CC85C3

Square

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



00B09B



5DA0E8



E27D9E



B49A4F

Rectangle

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



00B09B



00ACD6



E27D9E



DA8864

Sweetspot

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



00B09B



A1E6DD



17B000



49736E



F2F2F2



737373

Same Dimension

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



00B09B



00E6CA



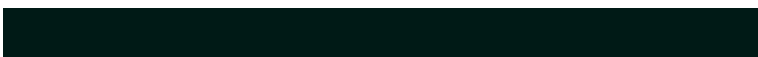
006FB0



505958



009987



001A16

Inverse Universe

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



B00015



E6001B



B04100



595051



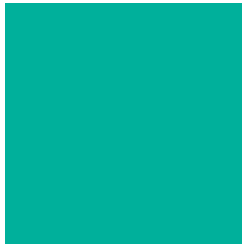
990012



1A0003

Previews

White Background



This preview shows how the Hex color 00B09B looks on a white background.

Color Contrast Check

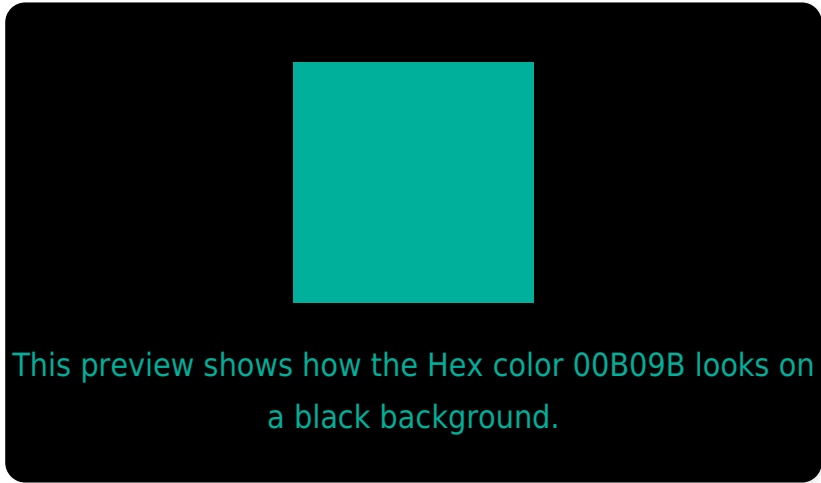
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

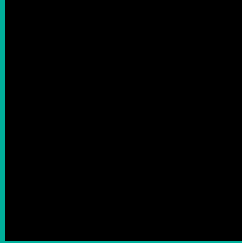
Any Text WCAG AA ✓ Pass

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 00B09B Background



This preview shows how black text looks on a background with the Hex color 00B09B.

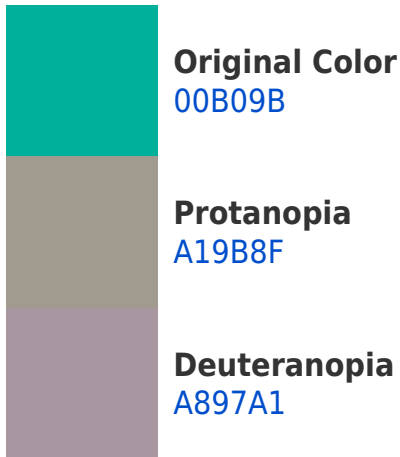


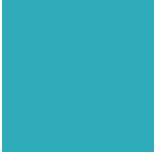
This preview shows how white text looks on a background with the Hex color 00B09B.

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





Trichromacy



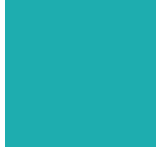
Original Color
00B09B



Protanomaly
66A393



Deuteranomaly
6BA09F



Tritanomaly
1EADAF

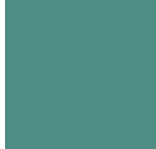
Monochromacy



Original Color
00B09B



Achromatopsia
797979



Achromatomaly
4D8D85

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B09B 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 #00B09B looks like.

```
.text, #text, p{  
    color:#00B09B  
}
```

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 #00B09B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B09B
}
```

Border

The CSS property to change the border of an element to Hex 00B09B 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
#00B09B }
```

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

```
.border{ border-color:#00B09B }
```

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

Here you see how a box with a 4 pixel #00B09B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B09B; -webkit-box-shadow:4px 4px  
4px 4px #00B09B; box-shadow:4px 4px 4px  
4px #00B09B }
```

Background

The CSS property to change the background color of an element to Hex 00B09B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B09B }
```

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

```
.background{ background-color:#00B09B }
```

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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