

Converting Colors

Hex(00B79B)

Have a look what the booklet for
Hex(00B79B) contains.

Hex(00B79B)	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(00B79B)

Conversions

Conversions Part 1

Format	Color
Hex	00B79B
RGB	0, 183, 155
RGB Percent	0%, 72%, 61%
CMY	1.0000, 0.2824, 0.3922
CMYK	1.00, 0.00, 0.15, 0.28
HSL	171°, 100%, 36%
HSV	171°, 100%, 72%
XYZ	22.8499, 36.2335, 36.7998
YIQ	125.0910, -100.0800, -47.5040

Conversions

Conversions Part 2

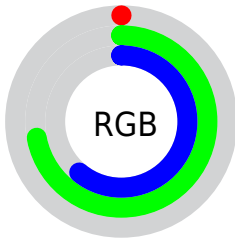
Format	Color
RYB	0, 99, 183
Decimal	47003
CIELab	66.70, -45.56, 3.27
CIELCh	67, 45.676, 175.895
Yxy	36.2335, 0.2383, 0.3779
Android (android.graphics.Color)	4278237083 (0xFF00B79B)
YUV	125.0910, 14.7451, -109.7048
Hunter-Lab	60.1943, -37.5810, 5.8890

Details

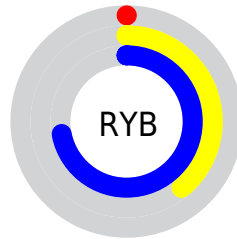
The Hex color **00B79B** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **B7001C**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **61F0D1**, and **008168** is the 20% darker color. If you saturate the color by 10%, you get **00B79B**, and if you desaturate by 10%, it is **12B79E**.

Distribution



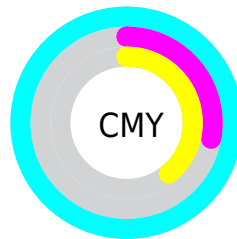
- Red (0%)
- Green (72%)
- Blue (61%)



- Red (0%)
- Yellow (39%)
- Blue (72%)



- Cyan (100%)
- Magenta (0%)
- Yellow (15%)
- Black (28%)



- Cyan (100%)
- Magenta (28%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00B79B 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 00B79B by changing the saturation by 10% instead.

 00B79B

 00B79B

FFFFFF

 009C81

 61F0D1

 008168

 81FFEE

 006750

 A0FFFF

 004E39

 BEFFFF

 003624

 DCFFFF

 00200F

 FBFFFF

 000000

 00B79B

 12B79E

 25B7A1

 37B7A3

 49B7A6

 5CB7A9

 6EB7AC

 80B7AF

 92B7B1

 A5B7B4

Harmonies

Analogous

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



66B373



00B79B



00B7C5

Triad

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



00B79B



9D9AEC



DF8F5F

Complementary

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



00B79B



B7001C

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.



EF8381



00B79B



D08AD1

Square

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



00B79B



4EA8F4



EB81AA



C09E4F

Rectangle

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



00B79B



00B4DC



EB81AA



E78A69

Sweetspot

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



00B79B



A6EDE2



1EB700



4D7871



F7F7F7



787878

Same Dimension

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



00B79B



00EDC9



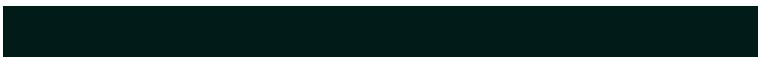
007AB7



535C5A



009C84



001C18

Inverse Universe

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



B7001C



ED0024



B73D00



5C5354



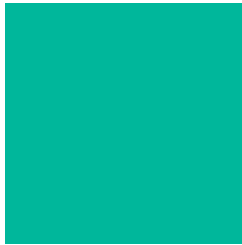
9C0018



1C0004

Previews

White Background



This preview shows how the Hex color 00B79B 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 00B79B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

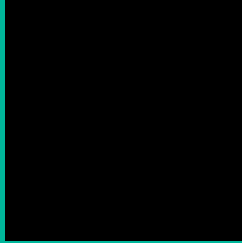
Any Text WCAG AA ✓ Pass

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 00B79B Background



This preview shows how black text looks on a background with the Hex color 00B79B.

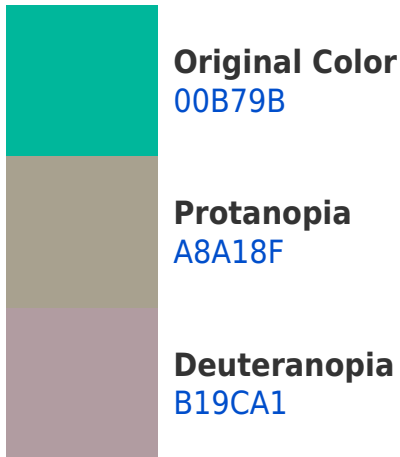


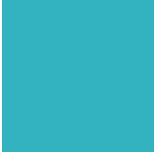
This preview shows how white text looks on a background with the Hex color 00B79B.

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
33B2C0

Trichromacy



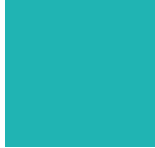
Original Color
00B79B



Protanomaly
6BA993



Deuteranomaly
71A69F



Tritanomaly
20B4B3

Monochromacy



Original Color
00B79B



Achromatopsia
7D7D7D



Achromatomaly
509288

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B79B 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 #00B79B looks like.

```
.text, #text, p{  
    color:#00B79B  
}
```

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 #00B79B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B79B
}
```

Border

The CSS property to change the border of an element to Hex 00B79B 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
#00B79B }
```

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

```
.border{ border-color:#00B79B }
```

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

Here you see how a box with a 4 pixel #00B79B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B79B; -webkit-box-shadow:4px 4px  
4px 4px #00B79B; box-shadow:4px 4px 4px  
4px #00B79B }
```

Background

The CSS property to change the background color of an element to Hex 00B79B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B79B }
```

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

```
.background{ background-color:#00B79B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor