

Converting Colors

Hex(00B39B)

Have a look what the booklet for
Hex(00B39B) contains.

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Color

Hex(00B39B)

Conversions

Conversions Part 1

Format	Color
Hex	00B39B
RGB	0, 179, 155
RGB Percent	0%, 70%, 61%
CMY	1.0000, 0.2980, 0.3922
CMYK	1.00, 0.00, 0.13, 0.30
HSL	172°, 100%, 35%
HSV	172°, 100%, 70%
XYZ	22.0365, 34.6068, 36.5287
YIQ	122.7430, -98.9800, -45.4120

Conversions

Conversions Part 2

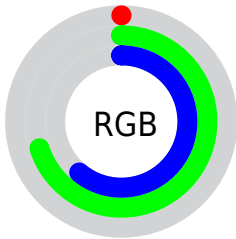
Format	Color
RYB	0, 96, 179
Decimal	45979
CIELab	65.44, -43.88, 1.45
CIELCh	65, 43.899, 178.112
Yxy	34.6068, 0.2365, 0.3714
Android (android.graphics.Color)	4278236059 (0xFF00B39B)
YUV	122.7430, 15.9027, -107.6456
Hunter-Lab	58.8275, -36.0829, 4.3634

Details

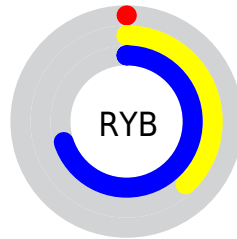
The Hex color **00B39B** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **B30018**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **60ECD1**, and **007D68** is the 20% darker color. If you saturate the color by 10%, you get **00B39B**, and if you desaturate by 10%, it is **12B39D**.

Distribution



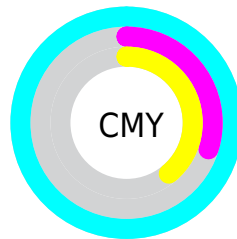
- Red (0%)
- Green (70%)
- Blue (61%)



- Red (0%)
- Yellow (38%)
- Blue (70%)



- Cyan (100%)
- Magenta (0%)
- Yellow (13%)
- Black (30%)



- Cyan (100%)
- Magenta (30%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00B39B 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 00B39B by changing the saturation by 10% instead.

 00B39B

 00B39B

FFFFFF

 009881

 60ECD1

 007D68

 80FFEE

 006350

 9EFFFF

 004B39

 BDFFFF

 003324

 DBFFFF

 001C0F

 FAFFFF

 000000

 00B39B

 12B39D

 24B3A0

 36B3A2

 48B3A5

 5AB3A7

 6BB3A9

 7DB3AC

 8FB3AE

 A1B3B1

Harmonies

Analogous

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



61AF74



00B39B



00B3C3

Triad

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



00B39B



9E96E4



D88E5D

Complementary

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



00B39B



B30018

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.



E8827C



00B39B



CD87C9

Square

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



00B39B



57A4ED



E67FA3



B99C4F

Rectangle

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



00B39B



00B0D8



E67FA3



DF8966

Sweetspot

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



00B39B



A2E8DF



1BB300



4B7570



F5F5F5



757575

Same Dimension

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



00B39B



00E8C9



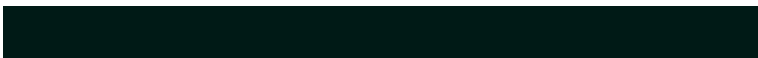
0074B3



505958



009984



001A16

Inverse Universe

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



B30018



E8001F



B33F00



595052



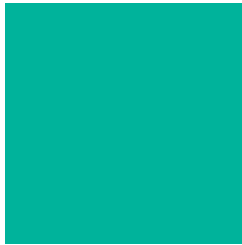
990015



1A0003

Previews

White Background



This preview shows how the Hex color 00B39B 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 00B39B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

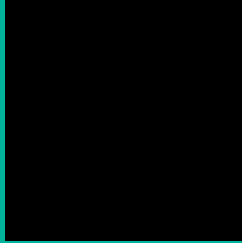
Any Text WCAG AA ✓ Pass

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 00B39B Background



This preview shows how black text looks on a background with the Hex color 00B39B.

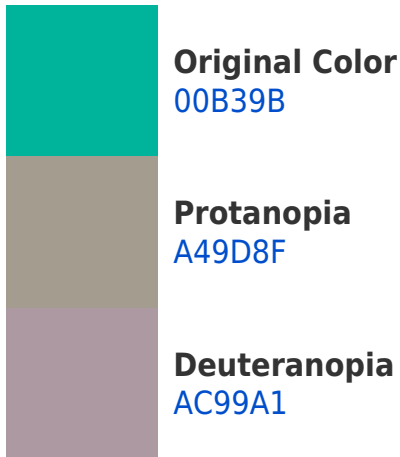


This preview shows how white text looks on a background with the Hex color 00B39B.

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
00B39B



Protanomaly
68A593



Deuteranomaly
6DA29F



Tritanomaly
1FB0B0

Monochromacy



Original Color
00B39B



Achromatopsia
7B7B7B



Achromatomaly
4E8F87

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B39B 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 #00B39B looks like.

```
.text, #text, p{  
    color:#00B39B  
}
```

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 #00B39B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B39B
}
```

Border

The CSS property to change the border of an element to Hex 00B39B 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
#00B39B }
```

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

```
.border{ border-color:#00B39B }
```

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

Here you see how a box with a 4 pixel #00B39B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B39B; -webkit-box-shadow:4px 4px  
4px 4px #00B39B; box-shadow:4px 4px 4px  
4px #00B39B }
```

Background

The CSS property to change the background color of an element to Hex 00B39B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B39B }
```

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

```
.background{ background-color:#00B39B }
```

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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