

# Converting Colors

Hex(0AB9B9)

Have a look what the booklet for  
Hex(0AB9B9) contains.

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**Color**

**Hex(0AB9B9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0AB9B9
RGB	10, 185, 185
RGB Percent	4%, 73%, 73%
CMY	0.9608, 0.2745, 0.2745
CMYK	0.95, 0.00, 0.00, 0.27
HSL	180°, 90%, 38%
HSV	180°, 95%, 73%
XYZ	26.2311, 38.2652, 51.9023
YIQ	132.6750, -104.3000, -37.1000

# Conversions

## Conversions Part 2

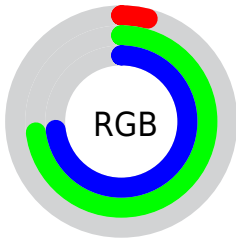
Format	Color
<a href="#">RYB</a>	<a href="#">10, 98, 185</a>
Decimal	<a href="#">702905</a>
CIELab	<a href="#">68.22, -37.46, -11.03</a>
CIELCh	<a href="#">68, 39.056, 196.410</a>
Yxy	<a href="#">38.2652, 0.2254, 0.3287</a>
Android (android.graphics.Color)	<a href="#">4278892985</a> ( <a href="#">0xFF0AB9B9</a> )
YUV	<a href="#">132.6750, 25.7962, -107.5860</a>
Hunter-Lab	<a href="#">61.8589, -32.5607, -6.4457</a>

# Details

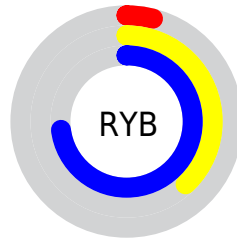
The Hex color **0AB9B9** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **B90A0A**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **67F2F1**, and **008384** is the 20% darker color. If you saturate the color by 10%, you get **00B9B9**, and if you desaturate by 10%, it is **1CB9B9**.

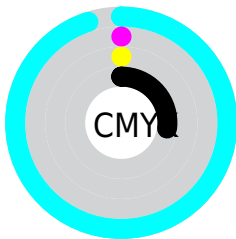
# Distribution



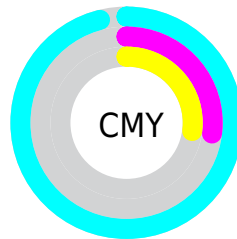
- Red (4%)
- Green (73%)
- Blue (73%)



- Red (4%)
- Yellow (38%)
- Blue (73%)



- Cyan (95%)
- Magenta (0%)
- Yellow (0%)
- Black (27%)



- Cyan (96%)
- Magenta (27%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0AB9B9 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 0AB9B9 by changing the saturation by 10% instead.



 0AB9B9

 0AB9B9

FFFFFF

 009E9E

 67F2F1

 008384

 87FFFF

 00696B

 A6FFFF

 005053

 C4FFFF

 00393C

 E3FFFF

 002426

 000112

 000000

 0AB9B9

 0AB9B9

■ 00B9B9

■ 1CB9B9

■ 2FB9B9

■ 41B9B9

■ 54B9B9

■ 67B9B9

■ 79B9B9

■ 8BB9B9

■ 9EB9B9

■ B1B9B9

# Harmonies

## Analogous

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



53B895



0AB9B9



00B6D8

# Triad

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



0AB9B9



C296D7



CB9F62

# Complementary

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



0AB9B9



B90A0A

# 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.



E29375



0AB9B9



E18CB8

# Square

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



0AB9B9



92A3EA



EB8B94



AAAA61

# Rectangle

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



0AB9B9



3AB2E6



EB8B94



D49A66



# Sweetspot

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



0AB9B9



ADF0F0



0AB90A



4F7878



F7F7F7



787878



# Same Dimension

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



0AB9B9



00F0F0



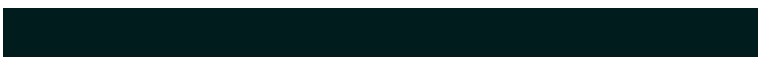
0A62B9



535C5C



009C9C



001C1C



# Inverse Universe

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



B90AB9



F000F0



B9620A



5C535C



9C009C

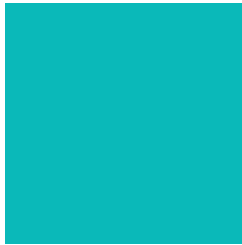


1C001C



# Previews

## White Background



This preview shows how the Hex color 0AB9B9 looks on a white background.

## Color Contrast Check

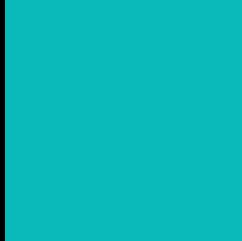
Large Text (above 18pt) WCAG AA × Fail

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 0AB9B9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

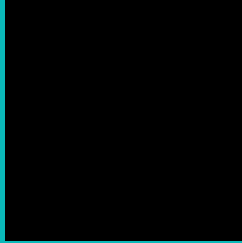
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

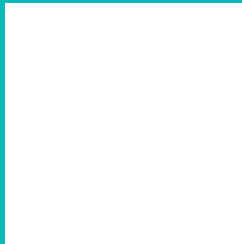
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0AB9B9 Background



This preview shows how black text looks on a background with the Hex color 0AB9B9.

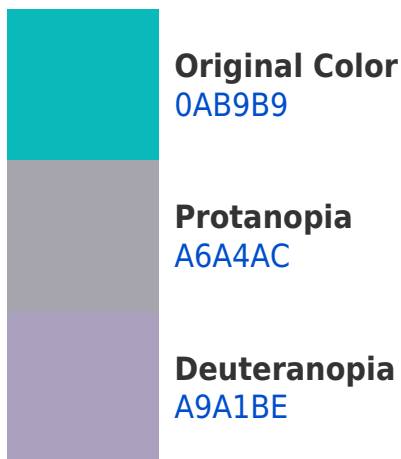


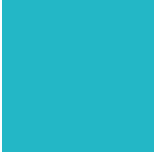
This preview shows how white text looks on a background with the Hex color 0AB9B9.

# 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](#).

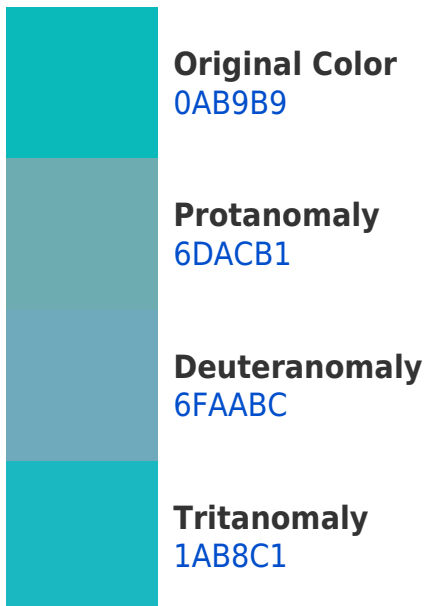
## Dichromacy



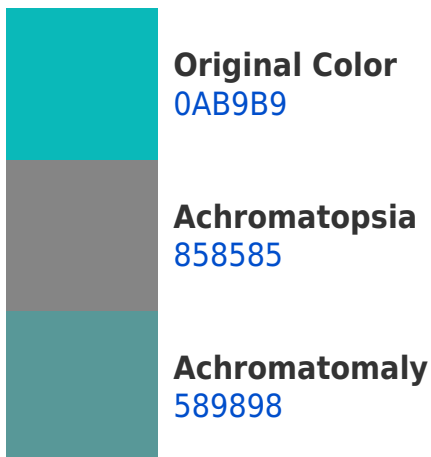


**Tritanopia**  
23B7C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0AB9B9 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 #0AB9B9 looks like.

```
.text, #text, p{  
    color:#0AB9B9  
}
```

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 #0AB9B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0AB9B9
}
```

## Border

The CSS property to change the border of an element to Hex 0AB9B9 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
#0AB9B9 }
```

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

```
.border{ border-color:#0AB9B9 }
```

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

Here you see how a box with a 4 pixel #0AB9B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0AB9B9; -webkit-box-shadow:4px 4px  
4px 4px #0AB9B9; box-shadow:4px 4px 4px  
4px #0AB9B9 }
```

# Background

The CSS property to change the background color of an element to Hex 0AB9B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0AB9B9 }
```

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

```
.background{ background-color:#0AB9B9 }
```

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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