

# Converting Colors

Hex(0FA9BA)

Have a look what the booklet for  
Hex(0FA9BA) contains.

<b>Hex(0FA9BA)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(0FA9BA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0FA9BA
RGB	15, 169, 186
RGB Percent	6%, 66%, 73%
CMY	0.9412, 0.3373, 0.2706
CMYK	0.92, 0.09, 0.00, 0.27
HSL	186°, 85%, 39%
HSV	186°, 92%, 73%
XYZ	23.2479, 32.0227, 51.4101
YIQ	124.8920, -97.2410, -27.3610

# Conversions

## Conversions Part 2

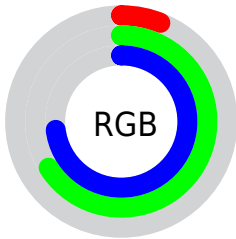
<b>Format</b>	<b>Color</b>
<b>RYB</b>	15, 96, 186
Decimal	1026490
CIELab	63.36, -29.38, -18.91
CIELCh	63, 34.940, 212.760
Yxy	32.0227, 0.2179, 0.3002
Android (android.graphics.Color)	4279216570 (0xFF0FA9BA)
YUV	124.8920, 30.1262, -96.3753
Hunter-Lab	56.5886, -25.6981, -14.2523

# Details

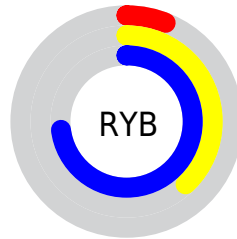
The Hex color **0FA9BA** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **BA200F**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **65E1F2**, and **007485** is the 20% darker color. If you saturate the color by 10%, you get **00A8BA**, and if you desaturate by 10%, it is **22ABBA**.

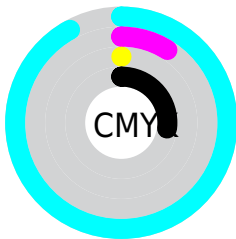
# Distribution



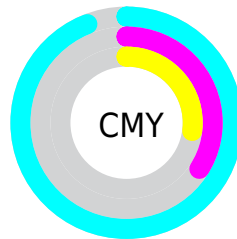
- Red (6%)
- Green (66%)
- Blue (73%)



- Red (6%)
- Yellow (38%)
- Blue (73%)



- Cyan (92%)
- Magenta (9%)
- Yellow (0%)
- Black (27%)



- Cyan (94%)
- Magenta (34%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0FA9BA 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 0FA9BA by changing the saturation by 10% instead.



 0FA9BA

 0FA9BA

FFFFFF

 008E9F

 65E1F2

 007485

 85FDFF

 005B6C

 A3FFFF

 004353

 C2FFFF

 002C3C

 E0FFFF

 001626

 000111

 000000

 0FA9BA

 0FA9BA

00A8BA

22ABBA

34ADBA

47AFBA

59B0BA

6CB2BA

7FB4BA

91B6BA

A4B8BA

B6BABA

# Harmonies

## Analogous

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



39AA9B



0FA9BA



39A4D0

# Triad

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



0FA9BA



C386B6



AB985B

# Complementary

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



0FA9BA



BA200F

# 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.



C58E63



0FA9BA



D48198

# Square

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



0FA9BA



A190CE



D48479



8AA264

# Rectangle

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



0FA9BA



5F9FD7



D48479



B5955B



# Sweetspot

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



0FA9BA



AEECF2



0FBA1D



51767A



FAFAFA



7A7A7A



# Same Dimension

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



0FA9BA



00DAF2



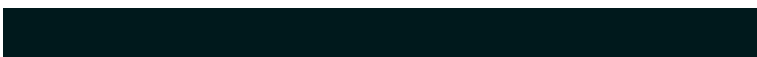
0F56BA



535B5C



008C9C



00191C



# Inverse Universe

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



BA0FA9



F200DA



BA730F



5C535B



9C008C

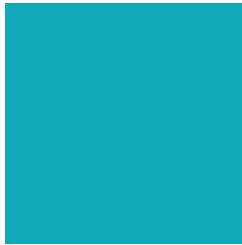


1C0019



# Previews

## White Background



This preview shows how the Hex color 0FA9BA 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 0FA9BA 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 0FA9BA Background



This preview shows how black text looks on a background with the Hex color 0FA9BA.

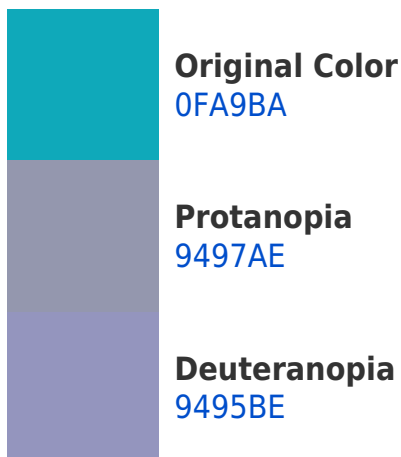


This preview shows how white text looks on a background with the Hex color 0FA9BA.

# 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](#).

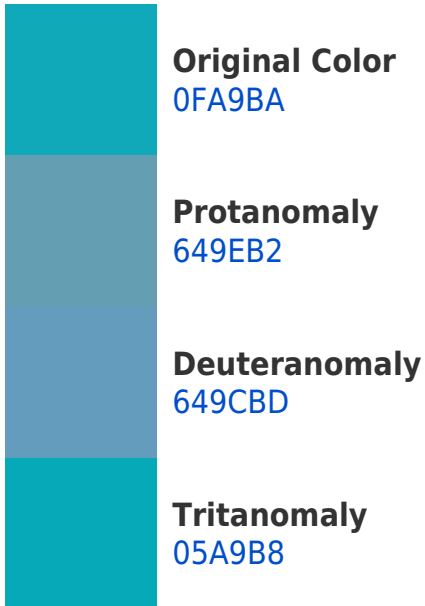
## Dichromacy





**Tritanopia**  
00A9B7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0FA9BA 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 #0FA9BA looks like.

```
.text, #text, p{  
    color:#0FA9BA  
}
```

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 #0FA9BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0FA9BA
}
```

## Border

The CSS property to change the border of an element to Hex 0FA9BA 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
#0FA9BA }
```

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

```
.border{ border-color:#0FA9BA }
```

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

Here you see how a box with a 4 pixel #0FA9BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0FA9BA; -webkit-box-shadow:4px 4px  
4px 4px #0FA9BA; box-shadow:4px 4px 4px  
4px #0FA9BA }
```

# Background

The CSS property to change the background color of an element to Hex 0FA9BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0FA9BA }
```

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

```
.background{ background-color:#0FA9BA }
```

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