

# Converting Colors

Hex(00A39C)

Have a look what the booklet for  
Hex(00A39C) contains.

<b>Hex(00A39C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(00A39C)

# Conversions

## Conversions Part 1

Format	Color
Hex	00A39C
RGB	0, 163, 156
RGB Percent	0%, 64%, 61%
CMY	1.0000, 0.3608, 0.3882
CMYK	1.00, 0.00, 0.04, 0.36
HSL	177°, 100%, 32%
HSV	177°, 100%, 64%
XYZ	19.0979, 28.5947, 35.9652
YIQ	113.4650, -94.9010, -36.7330

# Conversions

## Conversions Part 2

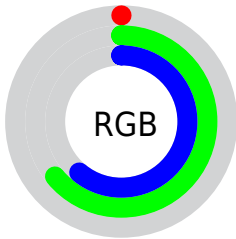
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 83, 163
Decimal	41884
CIELab	60.42, -36.55, -6.49
CIELCh	60, 37.123, 190.068
Yxy	28.5947, 0.2283, 0.3418
Android (android.graphics.Color)	4278231964 (0xFF00A39C)
YUV	113.4650, 20.9698, -99.5088
Hunter-Lab	53.4740, -29.8292, -2.4451

# Details

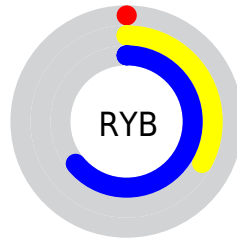
The Hex color **00A39C** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A30007**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **5DDBD2**, and **006E69** is the 20% darker color. If you saturate the color by 10%, you get **00A39C**, and if you desaturate by 10%, it is **10A39D**.

# Distribution



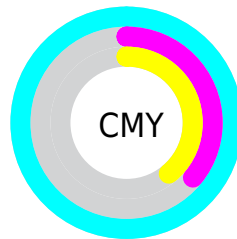
- Red (0%)
- Green (64%)
- Blue (61%)



- Red (0%)
- Yellow (33%)
- Blue (64%)



- Cyan (100%)
- Magenta (0%)
- Yellow (4%)
- Black (36%)



- Cyan (100%)
- Magenta (36%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00A39C 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 00A39C by changing the saturation by 10% instead.



 00A39C

 00A39C

FFFFFF

 008882

 5DDBD2

 006E69

 7CF7EF

 005551

 9AFFFF

 003D3A

 B8FFFF

 002824

 D6FFFF

 000410

 F5FFFF

 000000

 00A39C

 10A39D

 21A39D

 31A39E

 41A39F

 52A39F

 62A3A0

 72A3A1

 82A3A2

 93A3A2

# Harmonies

## Analogous

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



4EA17A



00A39C



00A1BB

# Triad

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



00A39C



A385C4



B98854

# Complementary

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



00A39C



A30007

# 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.



CC7D69



00A39C



C37BA9

# Square

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



00A39C



7391D2



D17888



9C9350

# Rectangle

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



00A39C



069ECA



D17888



C1845A



# Sweetspot

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



00A39C



94D4D1



08A300



456B69



EBEBEB



6B6B6B



# Same Dimension

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



00A39C



00D4CB



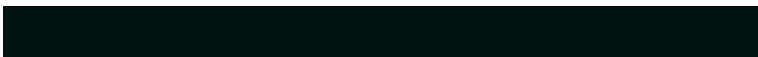
005AA3



495251



00918B



001211



# Inverse Universe

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



A30007



D40009



A34900



52494A



910006

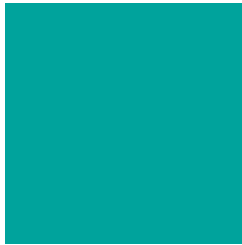


120001



# Previews

## White Background



This preview shows how the Hex color 00A39C looks on a white background.

## Color Contrast Check

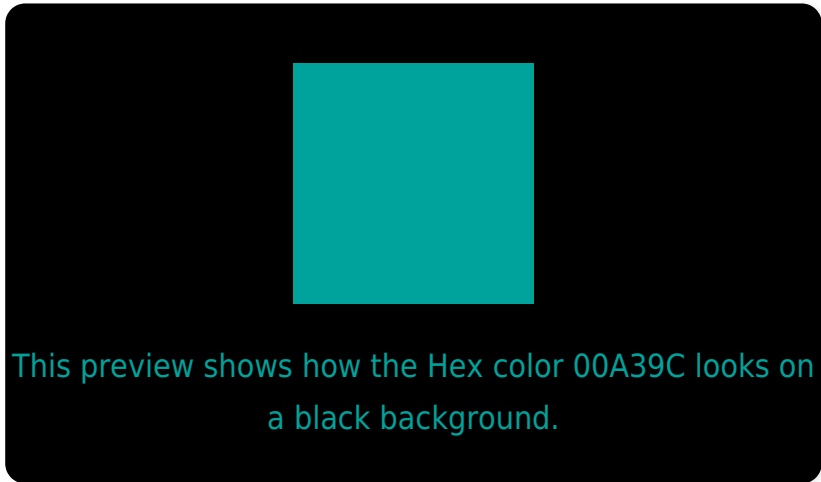
Large Text (above 18pt) WCAG AA ✓ Pass

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

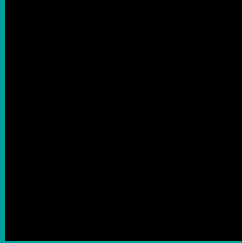
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 00A39C Background



This preview shows how black text looks on a background with the Hex color 00A39C.

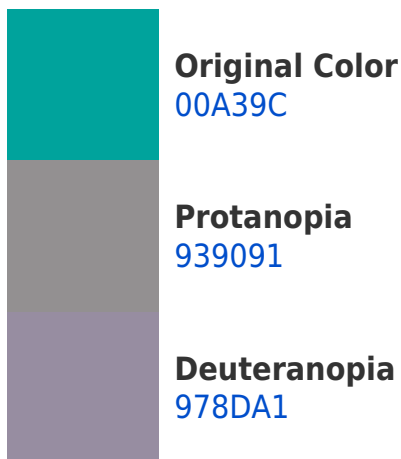


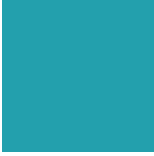
This preview shows how white text looks on a background with the Hex color 00A39C.

# 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**  
23A0AD

# Trichromacy



**Original Color**  
00A39C



**Protanomaly**  
5E9795



**Deuteranomaly**  
60959F



**Tritanomaly**  
16A1A7

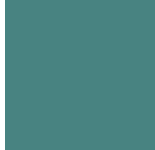
# Monochromacy



**Original Color**  
00A39C



**Achromatopsia**  
717171



**Achromatomaly**  
488381

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00A39C 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 #00A39C looks like.

```
.text, #text, p{  
    color:#00A39C  
}
```

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 #00A39C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A39C
}
```

## Border

The CSS property to change the border of an element to Hex 00A39C 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
#00A39C }
```

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

```
.border{ border-color:#00A39C }
```

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

Here you see how a box with a 4 pixel #00A39C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A39C; -webkit-box-shadow:4px 4px  
4px 4px #00A39C; box-shadow:4px 4px 4px  
4px #00A39C }
```

# Background

The CSS property to change the background color of an element to Hex 00A39C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A39C }
```

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

```
.background{ background-color:#00A39C }
```

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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