

# Converting Colors

Hex(00A09F)

Have a look what the booklet for  
Hex(00A09F) contains.

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# Color

Hex(00A09F)

# Conversions

## Conversions Part 1

Format	Color
Hex	00A09F
RGB	0, 160, 159
RGB Percent	0%, 63%, 62%
CMY	1.0000, 0.3725, 0.3765
CMYK	1.00, 0.00, 0.01, 0.37
HSL	180°, 100%, 31%
HSV	180°, 100%, 63%
XYZ	18.8288, 27.6448, 37.1445
YIQ	112.0460, -95.0390, -34.2310

# Conversions

## Conversions Part 2

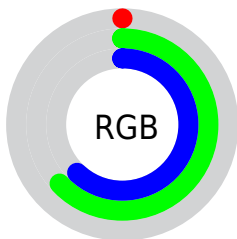
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 80, 160
Decimal	41119
CIELab	59.57, -34.24, -9.46
CIELCh	60, 35.527, 195.442
Yxy	27.6448, 0.2252, 0.3306
Android (android.graphics.Color)	4278231199 (0xFF00A09F)
YUV	112.0460, 23.1483, -98.2643
Hunter-Lab	52.5783, -28.0895, -5.0812

# Details

The Hex color **00A09F** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A00001**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **5DD7D6**, and **006C6C** is the 20% darker color. If you saturate the color by 10%, you get **00A09F**, and if you desaturate by 10%, it is **10A09F**.

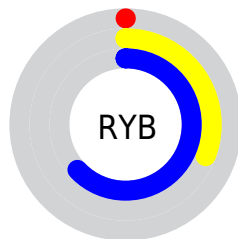
# Distribution



Red (0%)

Green (63%)

Blue (62%)



Red (0%)

Yellow (31%)

Blue (63%)

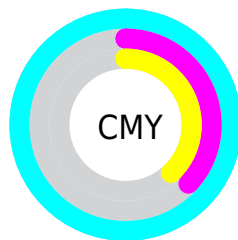


Cyan (100%)

Magenta (0%)

Yellow (1%)

Black (37%)



Cyan (100%)

Magenta (37%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00A09F 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 00A09F by changing the saturation by 10% instead.



 00A09F

 00A09F

FFFFFF

 008585

 5DD7D6

 006C6C

 7CF4F2

 005353

 9AFFFF

 003B3C

 B8FFFF

 002627

 D6FFFF

 000113

 F4FFFF

 000000

 00A09F

 10A09F

 20A09F

 30A09F

 40A09F

 50A0A0

 60A0A0

 70A0A0

 80A0A0

 90A0A0

# Harmonies

## Analogous

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



479F7F



00A09F



009DBB

# Triad

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



00A09F



A781BB



B18853

# Complementary

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



00A09F



A00001

# 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.



C57E64



00A09F



C279A0

# Square

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



00A09F



7C8DCB



CC7780



949352

# Rectangle

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



00A09F



2B9AC8



CC7780



B98557



# Sweetspot

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



00A09F



92D1D1



03A000



436968



E8E8E8



696969

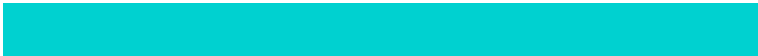


# Same Dimension

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



00A09F



00D1D0



0053A0



474F4F



008F8E



000F0F



# Inverse Universe

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



A00001



D10001



A04D00



4F4747



8F0001



0F0000



# Previews

## White Background



This preview shows how the Hex color 00A09F looks on a white background.

## Color Contrast Check

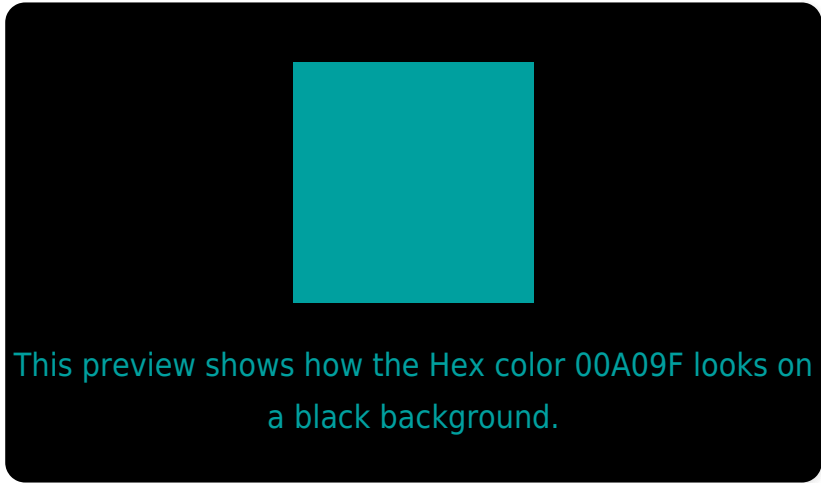
Large Text (above 18pt) WCAG AA ✓ Pass

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 00A09F Background



This preview shows how black text looks on a background with the Hex color 00A09F.

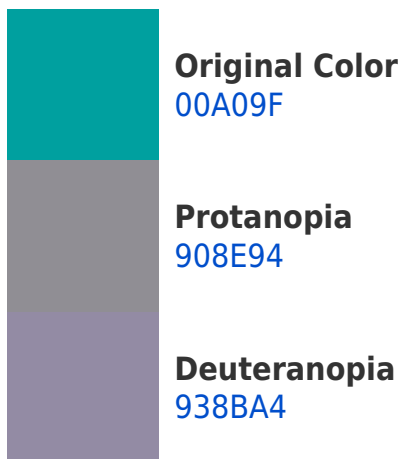


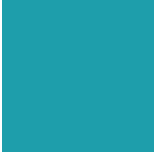
This preview shows how white text looks on a background with the Hex color 00A09F.

# 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**  
1E9EAB

# Trichromacy



**Original Color**  
00A09F



**Protanomaly**  
5C9598



**Deuteranomaly**  
5E93A2



**Tritanomaly**  
139FA7

# Monochromacy



**Original Color**  
00A09F



**Achromatopsia**  
707070



**Achromatomaly**  
478181

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00A09F 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 #00A09F looks like.

```
.text, #text, p{  
    color:#00A09F  
}
```

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 #00A09F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A09F
}
```

## Border

The CSS property to change the border of an element to Hex 00A09F 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
#00A09F }
```

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

```
.border{ border-color:#00A09F }
```

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

Here you see how a box with a 4 pixel #00A09F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A09F; -webkit-box-shadow:4px 4px  
4px 4px #00A09F; box-shadow:4px 4px 4px  
4px #00A09F }
```

# Background

The CSS property to change the background color of an element to Hex 00A09F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A09F }
```

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

```
.background{ background-color:#00A09F }
```

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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