

# Converting Colors

Hex(009A79)

Have a look what the booklet for  
Hex(009A79) contains.

<b>Hex(009A79)</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(009A79)**

# Conversions

## Conversions Part 1

Format	Color
Hex	009A79
RGB	0, 154, 121
RGB Percent	0%, 60%, 47%
CMY	1.0000, 0.3961, 0.5255
CMYK	1.00, 0.00, 0.21, 0.40
HSL	167°, 100%, 30%
HSV	167°, 100%, 60%
XYZ	15.0068, 24.4917, 22.0256
YIQ	104.1920, -81.1910, -42.9110

# Conversions

## Conversions Part 2

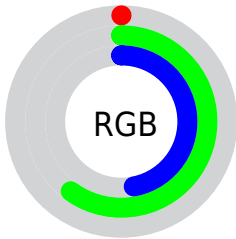
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 86, 154
Decimal	39545
CIELab	56.58, -42.59, 7.73
CIELCh	57, 43.284, 169.716
Yxy	24.4917, 0.2439, 0.3981
Android (android.graphics.Color)	4278229625 (0xFF009A79)
YUV	104.1920, 8.2863, -91.3764
Hunter-Lab	49.4891, -32.4785, 8.2548

# Details

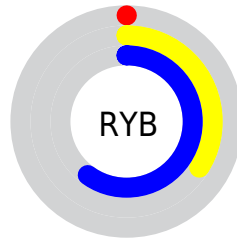
The Hex color **009A79** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **9A0021**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **58D1AD**, and **006648** is the 20% darker color. If you saturate the color by 10%, you get **009A79**, and if you desaturate by 10%, it is **0F9A7C**.

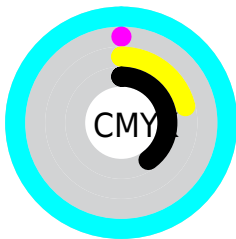
# Distribution



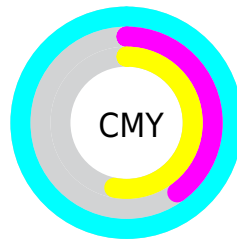
- Red (0%)
- Green (60%)
- Blue (47%)



- Red (0%)
- Yellow (34%)
- Blue (60%)



- Cyan (100%)
- Magenta (0%)
- Yellow (21%)
- Black (40%)



- Cyan (100%)
- Magenta (40%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 009A79 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 009A79 by changing the saturation by 10% instead.



 009A79

 009A79

FFFFFF

 007F60

 58D1AD

 006648

 76EEC9

 004D32

 93FFE5

 00351D

 B1FFFF

 001F04

 CEFFFF

 000000

 ECFFFF

 009A79

 0F9A7C

 1F9A80

 2E9A83

 3E9A86

 4D9A8A

 5C9A8D

 6C9A90

 7B9A93

 8B9A97

# Harmonies

## Analogous

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



5A9655



009A79



009BA0

# Triad

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



009A79



7583CF



C37350

# Complementary

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



009A79



9A0021

# 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.



CF6970



009A79



A974B9

# Square

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



009A79



0A90D1



C76996



A9813C

# Rectangle

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



009A79



0099B7



C76996



C96F59



# Sweetspot

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



009A79



8DC9BC



219A00



41665E



E6E6E6



666666



# Same Dimension

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



009A79



00C99E



006E9A



454D4B



008C6E



000D0A



# Inverse Universe

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



9A0021



C9002B



9A2C00



4D4546



8C001E



0D0003



# Previews

## White Background



This preview shows how the Hex color 009A79 looks on a white background.

## Color Contrast Check

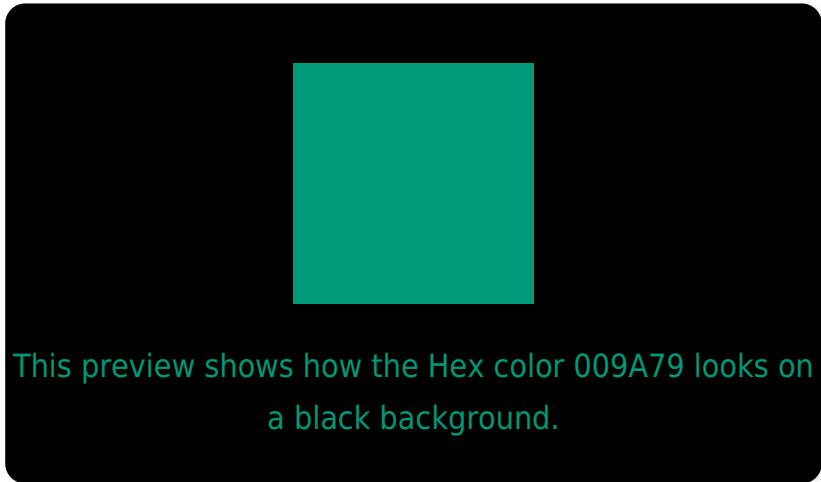
Large Text (above 18pt) WCAG AA ✓ Pass

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 009A79 Background



This preview shows how black text looks on a background with the Hex color 009A79.

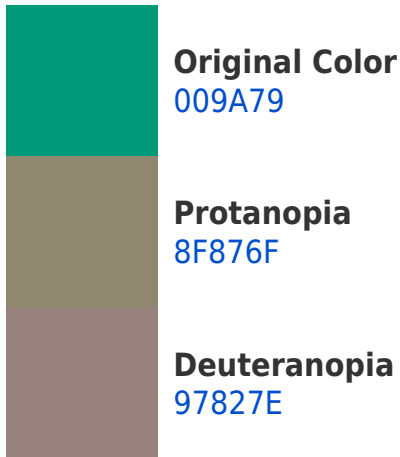


This preview shows how white text looks on a background with the Hex color 009A79.

# 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**  
2F95A1

# Trichromacy



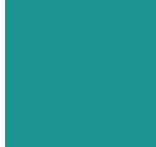
**Original Color**  
009A79



**Protanomaly**  
5B8E73



**Deuteranomaly**  
608B7C



**Tritanomaly**  
1E9792

# Monochromacy



**Original Color**  
009A79



**Achromatopsia**  
686868



**Achromatomaly**  
427A6E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 009A79 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 #009A79 looks like.

```
.text, #text, p{  
    color:#009A79  
}
```

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 #009A79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009A79
}
```

## Border

The CSS property to change the border of an element to Hex 009A79 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
#009A79 }
```

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

```
.border{ border-color:#009A79 }
```

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

Here you see how a box with a 4 pixel #009A79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009A79; -webkit-box-shadow:4px 4px  
4px 4px #009A79; box-shadow:4px 4px 4px  
4px #009A79 }
```

# Background

The CSS property to change the background color of an element to Hex 009A79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009A79 }
```

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

```
.background{ background-color:#009A79 }
```

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