

# Converting Colors

Hex(009A9D)

Have a look what the booklet for  
Hex(009A9D) contains.

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**Color**

**Hex(009A9D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	009A9D
RGB	0, 154, 157
RGB Percent	0%, 60%, 62%
CMY	1.0000, 0.3961, 0.3843
CMYK	1.00, 0.02, 0.00, 0.38
HSL	181°, 100%, 31%
HSV	181°, 100%, 62%
XYZ	17.6414, 25.5455, 35.8993
YIQ	108.2960, -92.7470, -31.7150

# Conversions

## Conversions Part 2

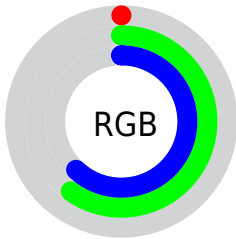
Format	Color
<a href="#">RYB</a>	<a href="#">0, 78, 157</a>
Decimal	<a href="#">39581</a>
CIELab	<a href="#">57.60, -32.04, -11.27</a>
CIElCh	<a href="#">58, 33.965, 199.370</a>
Yxy	<a href="#">25.5455, 0.2231, 0.3230</a>
Android (android.graphics.Color)	<a href="#">4278229661</a> ( <a href="#">0xFF009A9D</a> )
YUV	<a href="#">108.2960, 24.0111, -94.9756</a>
Hunter-Lab	<a href="#">50.5426, -26.1458, -6.7326</a>

# Details

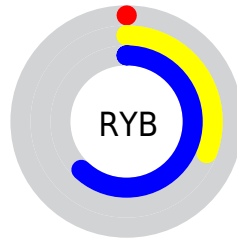
The Hex color **009A9D** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9D0300**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **5BD1D3**, and **00666A** is the 20% darker color. If you saturate the color by 10%, you get **009A9D**, and if you desaturate by 10%, it is **109A9D**.

# Distribution



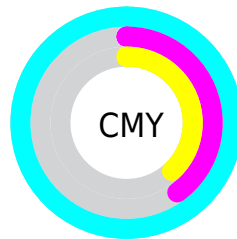
- Red (0%)
- Green (60%)
- Blue (62%)



- Red (0%)
- Yellow (31%)
- Blue (62%)



- Cyan (100%)
- Magenta (2%)
- Yellow (0%)
- Black (38%)



- Cyan (100%)
- Magenta (40%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 009A9D 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 009A9D by changing the saturation by 10% instead.



 009A9D

 009A9D

FFFFFF

 008083

 5BD1D3

 00666A

 7AEDF0

 004E52

 98FFFF

 00363B

 B6FFFF

 002325

 D4FFFF

 000110

 F2FFFF

 000000

 009A9D

 109A9D

 1F9B9D

 2F9B9D

 3F9B9D

 4F9C9D

 5E9C9D

 6E9C9D

 7E9C9D

 8D9D9D

# Harmonies

## Analogous

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



40997E



009A9D



0097B7

# Triad

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



009A9D



A57CB1



A78550

# Complementary

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



009A9D



9D0300

# 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.



BC7B5F



009A9D



BD7496

# Square

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



009A9D



7E87C2



C47478



8A8F51

# Rectangle

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



009A9D



3693C1



C47478



AF8153



# Sweetspot

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



009A9D



8FCBCC



009D03



416566



E6E6E6



666666

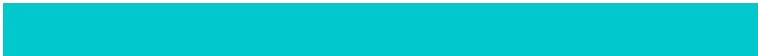


# Same Dimension

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



009A9D



00C8CC



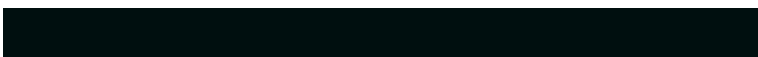
004C9D



474F4F



008C8F



000F0F



# Inverse Universe

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



9D009A



CC00C8



9D5100



4F474F



8F008C



0F000F



# Previews

## White Background



This preview shows how the Hex color 009A9D looks on a white background.

## Color Contrast Check

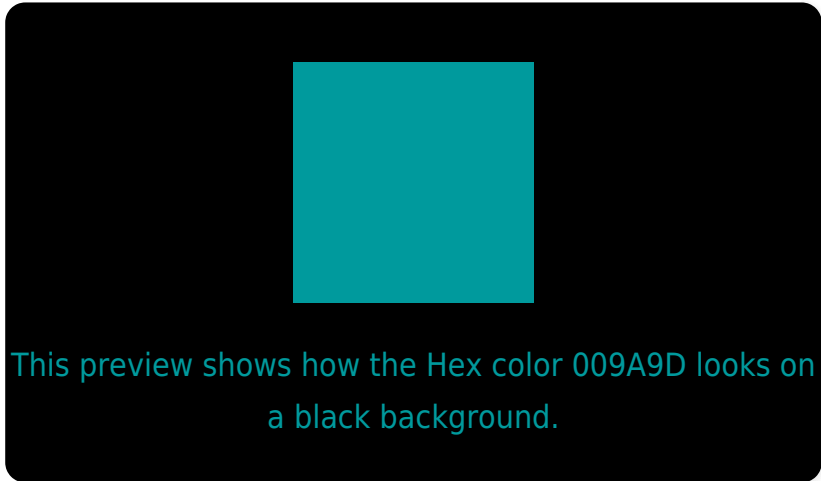
Large Text (above 18pt) WCAG AA ✓ Pass

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

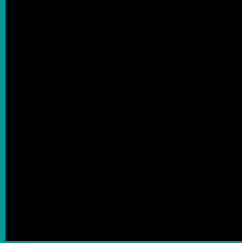
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 009A9D Background



This preview shows how black text looks on a background with the Hex color 009A9D.

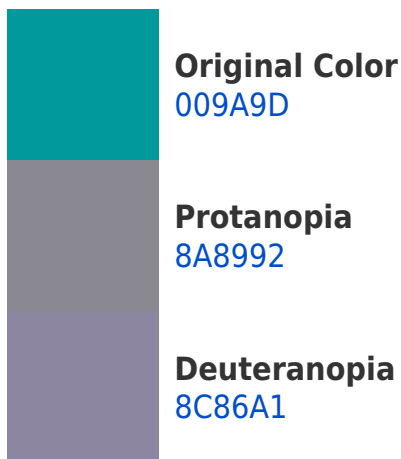


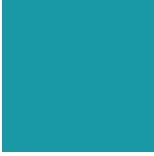
This preview shows how white text looks on a background with the Hex color 009A9D.

# 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**  
1999A5

# Trichromacy



**Original Color**  
009A9D



**Protanomaly**  
588F96



**Deuteranomaly**  
598DA0



**Tritanomaly**  
1099A2

# Monochromacy



**Original Color**  
009A9D



**Achromatopsia**  
6C6C6C



**Achromatomaly**  
457D7E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 009A9D 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 #009A9D looks like.

```
.text, #text, p{  
    color:#009A9D  
}
```

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 #009A9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009A9D
}
```

## Border

The CSS property to change the border of an element to Hex 009A9D 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
#009A9D }
```

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

```
.border{ border-color:#009A9D }
```

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

Here you see how a box with a 4 pixel #009A9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009A9D; -webkit-box-shadow:4px 4px  
4px 4px #009A9D; box-shadow:4px 4px 4px  
4px #009A9D }
```

# Background

The CSS property to change the background color of an element to Hex 009A9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009A9D }
```

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

```
.background{ background-color:#009A9D }
```

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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