

# Converting Colors

Hex(008F9D)

Have a look what the booklet for  
Hex(008F9D) contains.

<b>Hex(008F9D)</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(008F9D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	008F9D
RGB	0, 143, 157
RGB Percent	0%, 56%, 62%
CMY	1.0000, 0.4392, 0.3843
CMYK	1.00, 0.09, 0.00, 0.38
HSL	185°, 100%, 31%
HSV	185°, 100%, 62%
XYZ	15.9083, 22.0792, 35.3216
YIQ	101.8390, -89.7220, -25.9620

# Conversions

## Conversions Part 2

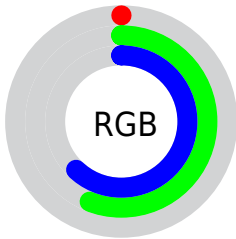
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 75, 157
Decimal	36765
CIELab	54.11, -26.65, -16.54
CIELCh	54, 31.369, 211.823
Yxy	22.0792, 0.2170, 0.3012
Android (android.graphics.Color)	4278226845 (0xFF008F9D)
YUV	101.8390, 27.1944, -89.3128
Hunter-Lab	46.9886, -21.7977, -11.6766

# Details

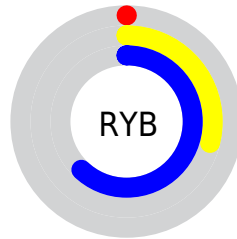
The Hex color **008F9D** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9D0E00**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **5AC5D4**, and **005C6A** is the 20% darker color. If you saturate the color by 10%, you get **008F9D**, and if you desaturate by 10%, it is **10909D**.

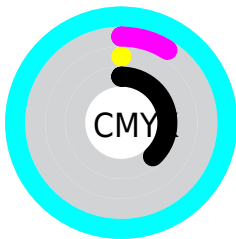
# Distribution



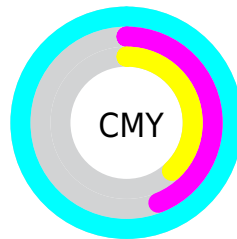
- Red (0%)
- Green (56%)
- Blue (62%)



- Red (0%)
- Yellow (29%)
- Blue (62%)



- Cyan (100%)
- Magenta (9%)
- Yellow (0%)
- Black (38%)



- Cyan (100%)
- Magenta (44%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 008F9D 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 008F9D by changing the saturation by 10% instead.



 008F9D

 008F9D

FFFFFF

 007583

 5AC5D4

 005C6A

 78E1F0

 004452

 96FEFF

 002D3B

 B3FFFF

 001825

 D1FFFF

 00010F

 EFFFFF

 000000

 008F9D

 10909D

 1F929D

 2F939D

 3F959D

 4F969D

 5E979D

 6E999D

 7E9A9D

 8D9C9D

# Harmonies

## Analogous

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



2E9082



008F9D



2A8BB0

# Triad

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



008F9D



A5719B



91804B

# Complementary

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



008F9D



9D0E00

# 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.



A87752



008F9D



B46C81

# Square

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



008F9D



877AAF



B56F66



758852

# Rectangle

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



008F9D



4C86B7



B56F66



9A7D4C



# Sweetspot

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



008F9D



8FC7CC



009D0D



416366



E6E6E6



666666



# Same Dimension

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



008F9D



00BACC



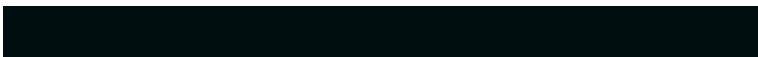
00419D



474E4F



00828F



000E0F



# Inverse Universe

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



9D008F



CC00BA



9D5C00



4F474E



8F0082



0F000E



# Previews

## White Background



This preview shows how the Hex color 008F9D looks on a white background.

## Color Contrast Check

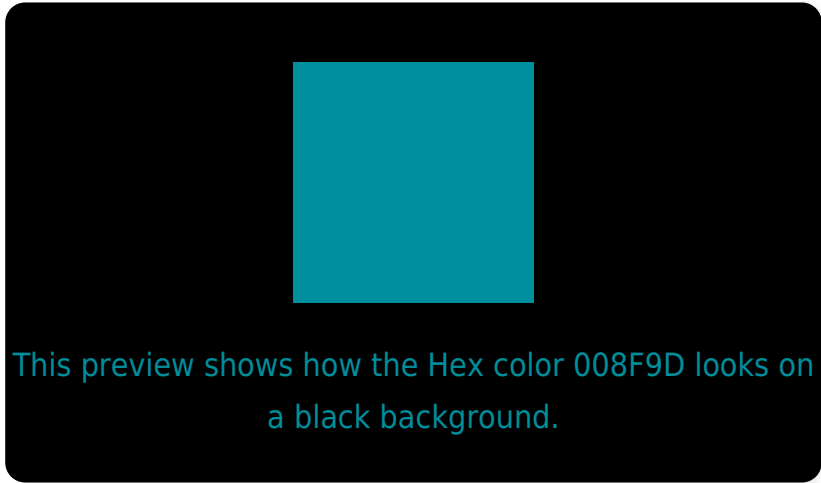
Large Text (above 18pt) WCAG AA ✓ Pass

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

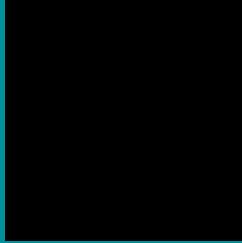
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 008F9D Background



This preview shows how black text looks on a background with the Hex color 008F9D.

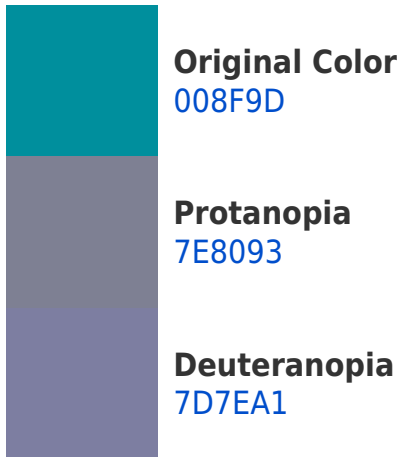


This preview shows how white text looks on a background with the Hex color 008F9D.

# 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



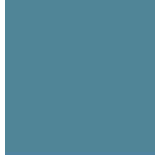


**Tritanopia**  
008F9B

# Trichromacy



**Original Color**  
008F9D



**Protanomaly**  
508597



**Deuteranomaly**  
5084A0



**Tritanomaly**  
008F9C

# Monochromacy



**Original Color**  
008F9D



**Achromatopsia**  
666666



**Achromatomaly**  
41757A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 008F9D 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 #008F9D looks like.

```
.text, #text, p{  
    color:#008F9D  
}
```

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 #008F9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008F9D
}
```

## Border

The CSS property to change the border of an element to Hex 008F9D 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
#008F9D }
```

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

```
.border{ border-color:#008F9D }
```

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

Here you see how a box with a 4 pixel #008F9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008F9D; -webkit-box-shadow:4px 4px  
4px 4px #008F9D; box-shadow:4px 4px 4px  
4px #008F9D }
```

# Background

The CSS property to change the background color of an element to Hex 008F9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008F9D }
```

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

```
.background{ background-color:#008F9D }
```

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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