

Converting Colors

Hex(009C8F)

Have a look what the booklet for
Hex(009C8F) contains.

Hex(009C8F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(009C8F)

Conversions

Conversions Part 1

Format	Color
Hex	009C8F
RGB	0, 156, 143
RGB Percent	0%, 61%, 56%
CMY	1.0000, 0.3882, 0.4392
CMYK	1.00, 0.00, 0.08, 0.39
HSL	175°, 100%, 31%
HSV	175°, 100%, 61%
XYZ	16.8464, 25.7601, 30.0709
YIQ	107.8740, -88.8030, -37.1150

Conversions

Conversions Part 2

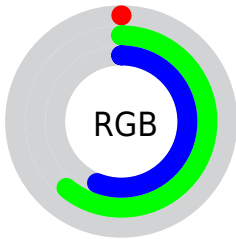
Format	Color
RYB	0, 81, 156
Decimal	40079
CIELab	57.81, -37.28, -2.99
CIELCh	58, 37.398, 184.583
Yxy	25.7601, 0.2318, 0.3544
Android (android.graphics.Color)	4278230159 (0xFF009C8F)
YUV	107.8740, 17.3171, -94.6055
Hunter-Lab	50.7544, -29.5725, 0.4000

Details

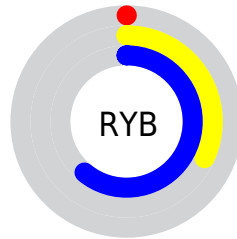
The Hex color **009C8F** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9C000D**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **5AD3C5**, and **00685D** is the 20% darker color. If you saturate the color by 10%, you get **009C8F**, and if you desaturate by 10%, it is **109C90**.

Distribution



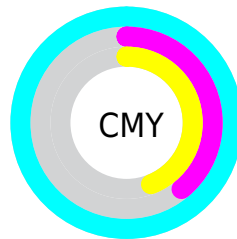
- Red (0%)
- Green (61%)
- Blue (56%)



- Red (0%)
- Yellow (32%)
- Blue (61%)



- Cyan (100%)
- Magenta (0%)
- Yellow (8%)
- Black (39%)




- Cyan (100%)
- Magenta (39%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009C8F 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 009C8F by changing the saturation by 10% instead.

 009C8F

 009C8F


FFFFFF

 008175

 5AD3C5

 00685D

 79F0E1

 004F45

 96FFFD

 00372F

 B4FFF

 00231A

 D2FFF

 000000

 F0FFF

 009C8F

 109C90

 1F9C92

 2F9C93

 3E9C94

 4E9C96

 5E9C97

 6D9C98

 7D9C99

 8C9C9B

Harmonies

Analogous

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



4F9A6E



009C8F



009BAF

Triad

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



009C8F



9580C1



B67F50

Complementary

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



009C8F



9C000D

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.



C77567



009C8F



B875A8

Square

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



009C8F



608DCC



C87087



9B8B48

Rectangle

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



009C8F



0098BF



C87087



BD7B57

Sweetspot

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



009C8F



8FCCC7



0D9C00



416663



E6E6E6



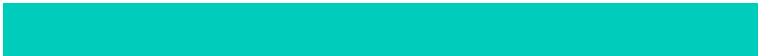
666666

Same Dimension

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



009C8F



00CCBB



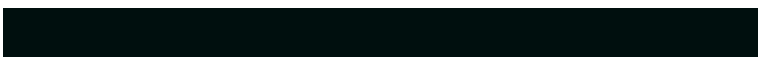
005B9C



474F4E



008F83



000F0E

Inverse Universe

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



9C000D



CC0011



9C4100



4F4748



8F000C



0F0001

Previews

White Background



This preview shows how the Hex color 009C8F looks on a white background.

Color Contrast Check

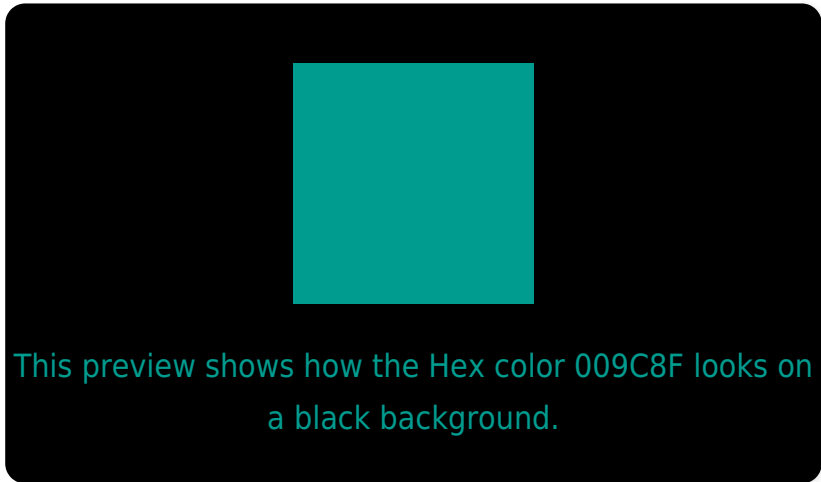
Large Text (above 18pt) WCAG AA ✓ Pass

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

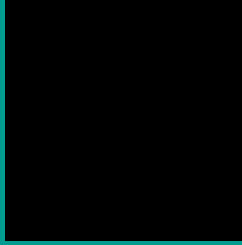
Any Text WCAG AA ✓ Pass

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 009C8F Background



This preview shows how black text looks on a background with the Hex color 009C8F.

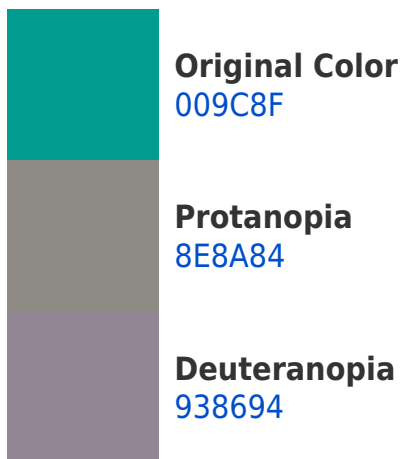


This preview shows how white text looks on a background with the Hex color 009C8F.

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
2699A5

Trichromacy



Original Color
009C8F



Protanomaly
5A9188



Deuteranomaly
5E8E92



Tritanomaly
189A9D

Monochromacy



Original Color
009C8F



Achromatopsia
6C6C6C



Achromatomaly
457D79

CSS Examples

Text

The CSS property to change the color of the text to Hex 009C8F 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 #009C8F looks like.

```
.text, #text, p{  
    color:#009C8F  
}
```

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 #009C8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009C8F
}
```

Border

The CSS property to change the border of an element to Hex 009C8F 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
#009C8F }
```

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

```
.border{ border-color:#009C8F }
```

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

Here you see how a box with a 4 pixel #009C8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009C8F; -webkit-box-shadow:4px 4px  
4px 4px #009C8F; box-shadow:4px 4px 4px  
4px #009C8F }
```

Background

The CSS property to change the background color of an element to Hex 009C8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009C8F }
```

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

```
.background{ background-color:#009C8F }
```

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