

Converting Colors

Hex(0A8C9E)

Have a look what the booklet for
Hex(0A8C9E) contains.

Hex(0A8C9E)	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(0A8C9E)

Conversions

Conversions Part 1

Format	Color
Hex	0A8C9E
RGB	10, 140, 158
RGB Percent	4%, 55%, 62%
CMY	0.9608, 0.4510, 0.3804
CMYK	0.94, 0.11, 0.00, 0.38
HSL	187°, 88%, 33%
HSV	187°, 94%, 62%
XYZ	15.6748, 21.2893, 35.6309
YIQ	103.1820, -83.2580, -21.9620

Conversions

Conversions Part 2

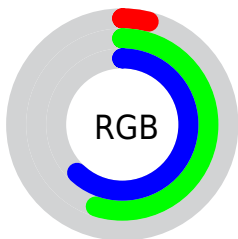
Format	Color
RYB	10, 79, 158
Decimal	691358
CIELab	53.26, -24.36, -18.40
CIELCh	53, 30.529, 217.065
Yxy	21.2893, 0.2159, 0.2933
Android (android.graphics.Color)	4278881438 (0xFF0A8C9E)
YUV	103.1820, 27.0253, -81.7206
Hunter-Lab	46.1404, -20.1055, -13.4871

Details

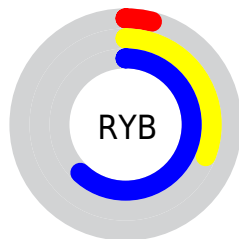
The Hex color **0A8C9E** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9E1C0A**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **5CC2D5**, and **00596B** is the 20% darker color. If you saturate the color by 10%, you get **008B9E**, and if you desaturate by 10%, it is **1A8E9E**.

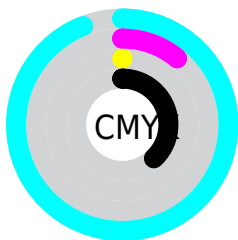
Distribution



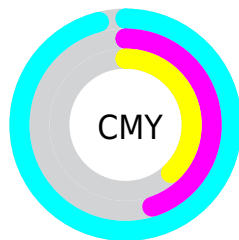
- Red (4%)
- Green (55%)
- Blue (62%)



- Red (4%)
- Yellow (31%)
- Blue (62%)



- Cyan (94%)
- Magenta (11%)
- Yellow (0%)
- Black (38%)



- Cyan (96%)
- Magenta (45%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A8C9E 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 0A8C9E by changing the saturation by 10% instead.

0A8C9E

0A8C9E

FFFFFF

007284

5CC2D5

00596B

7ADEF1

004252

97FBFF

002B3B

B5FFFF

001526

D2FFFF

000110

F0FFFF

000000

0A8C9E

0A8C9E

008B9E

1A8E9E

■ 2A909E

■ 39929E

■ 49949E

■ 59969E

■ 69989E

■ 79999E

■ 889B9E

■ 989D9E

Harmonies

Analogous

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



288D85



0A8C9E



3587AF

Triad

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



0A8C9E



A56E94



8A804A

Complementary

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



0A8C9E



9E1C0A

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.



A1774F



0A8C9E



B26B7A

Square

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



0A8C9E



8A76A9



B06E61



6E8754

Rectangle

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



0A8C9E



5483B3



B06E61



937D4A

Sweetspot

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



0A8C9E



95C8CF



0A9E1B



456469



E8E8E8



696969

Same Dimension

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



0A8C9E



00B5CF



0A439E



474E4F



007D8F



000D0F

Inverse Universe

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



9E0A8C



CF00B5



9E650A



4F474E



8F007D



0F000D

Previews

White Background



This preview shows how the Hex color 0A8C9E looks on a white background.

Color Contrast Check

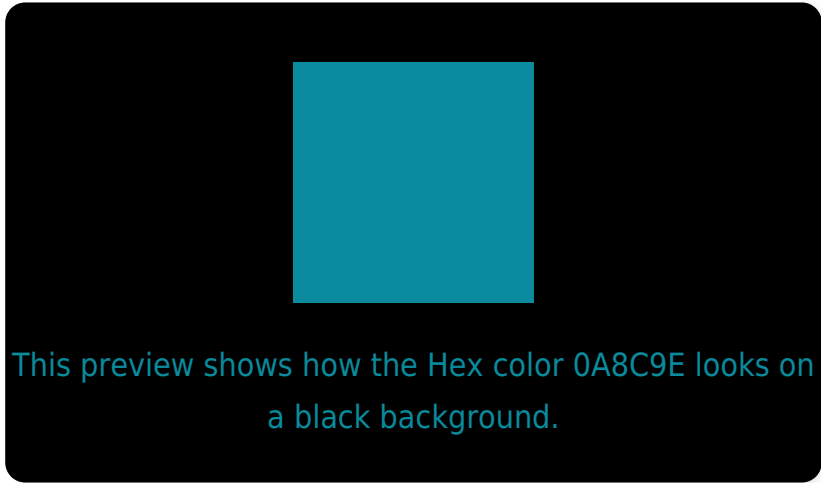
Large Text (above 18pt) WCAG AA ✓ Pass

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

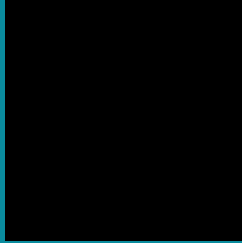
Any Text WCAG AA ✓ Pass

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 0A8C9E Background



This preview shows how black text looks on a background with the Hex color 0A8C9E.

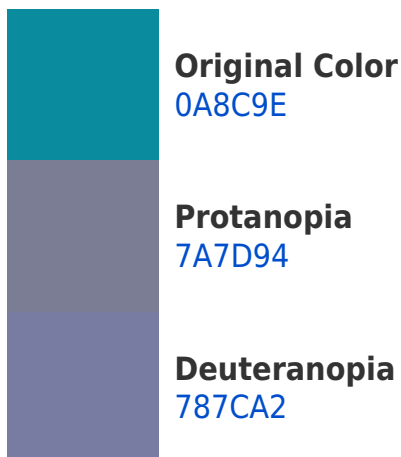


This preview shows how white text looks on a background with the Hex color 0A8C9E.

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](#).

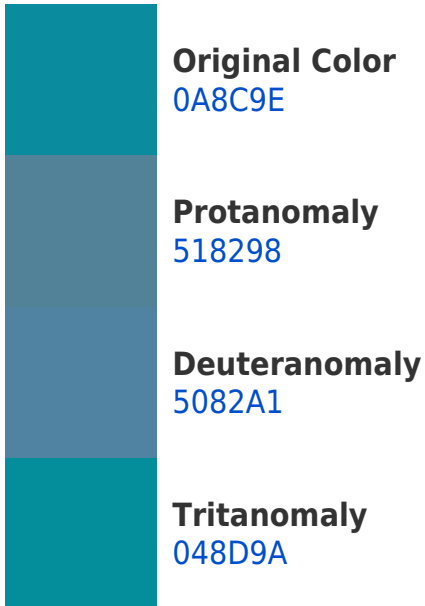
Dichromacy



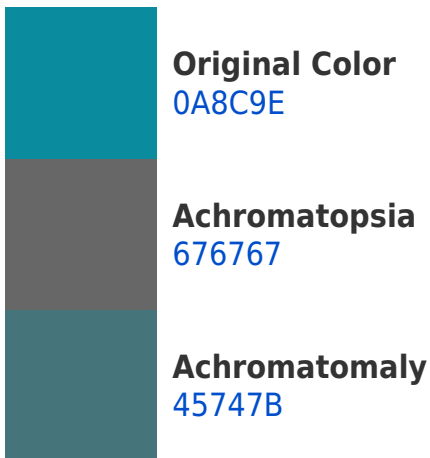


Tritanopia
008D98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0A8C9E 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 #0A8C9E looks like.

```
.text, #text, p{  
    color:#0A8C9E  
}
```

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 #0A8C9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A8C9E
}
```

Border

The CSS property to change the border of an element to Hex 0A8C9E 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
#0A8C9E }
```

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

```
.border{ border-color:#0A8C9E }
```

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

Here you see how a box with a 4 pixel #0A8C9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A8C9E; -webkit-box-shadow:4px 4px  
4px 4px #0A8C9E; box-shadow:4px 4px 4px  
4px #0A8C9E }
```

Background

The CSS property to change the background color of an element to Hex 0A8C9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A8C9E }
```

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

```
.background{ background-color:#0A8C9E }
```

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