

# Converting Colors

Hex(008198)

Have a look what the booklet for  
Hex(008198) contains.

<b>Hex(008198)</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(008198)**

# Conversions

## Conversions Part 1

Format	Color
Hex	008198
RGB	0, 129, 152
RGB Percent	0%, 51%, 60%
CMY	1.0000, 0.4941, 0.4039
CMYK	1.00, 0.15, 0.00, 0.40
HSL	189°, 100%, 30%
HSV	189°, 100%, 60%
XYZ	13.5178, 17.9675, 32.4614
YIQ	93.0510, -84.2670, -20.1950

# Conversions

## Conversions Part 2

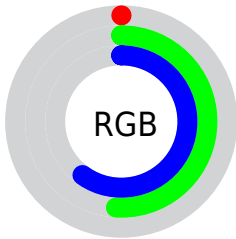
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 70, 152
Decimal	33176
CIELab	49.46, -21.15, -20.75
CIELCh	49, 29.630, 224.455
Yxy	17.9675, 0.2114, 0.2810
Android (android.graphics.Color)	4278223256 (0xFF008198)
YUV	93.0510, 29.0619, -81.6057
Hunter-Lab	42.3881, -17.2547, -15.7334

# Details

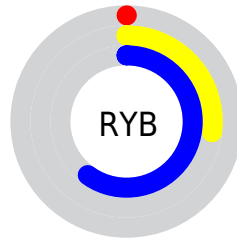
The Hex color **008198** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **981700**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **57B6CE**, and **004F65** is the 20% darker color. If you saturate the color by 10%, you get **008198**, and if you desaturate by 10%, it is **0F8398**.

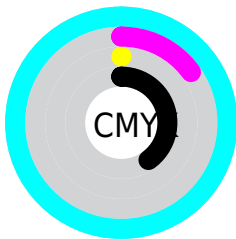
# Distribution



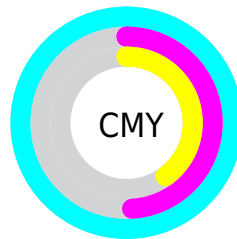
- Red (0%)
- Green (51%)
- Blue (60%)



- Red (0%)
- Yellow (27%)
- Blue (60%)



- Cyan (100%)
- Magenta (15%)
- Yellow (0%)
- Black (40%)



- Cyan (100%)
- Magenta (49%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 008198 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 008198 by changing the saturation by 10% instead.



 008198

 008198

FFFFFF

 00687E

 57B6CE

 004F65

 75D2EB

 00384D

 92EEFF

 002336

 AFFFFFF

 000221

 CDFFFF

 000006

 EBFFFF

 000000

 008198

 0F8398

 1E8698

 2E8898

 3D8A98

 4C8D98

 5B8F98

 6A9198

 7A9398

 899698

# Harmonies

## Analogous

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



148381



008198



387CA6

# Triad

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



008198



9E6384



7A7844

# Complementary

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



008198



981700

# 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.



917045



008198



A7626A

# Square

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



008198



886B9A



A16753



5E7E51

# Rectangle

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



008198



5777A7



A16753



827543



# Sweetspot

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



008198



89BBC4



009817



405E63



E3E3E3



636363



# Same Dimension

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



008198



00A7C4



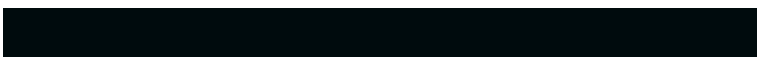
003598



454B4D



00778C



000B0D



# Inverse Universe

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



980081



C400A7



986300



4D454B



8C0077



0D000B



# Previews

## White Background



This preview shows how the Hex color 008198 looks on a white background.

## Color Contrast Check

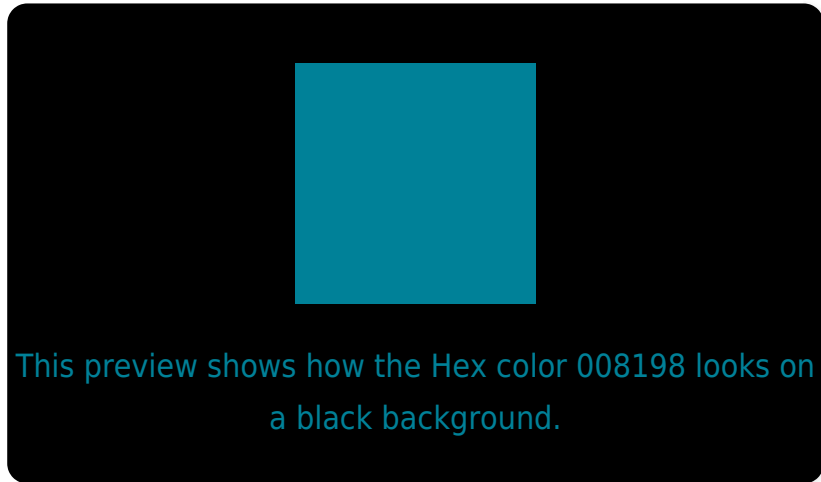
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

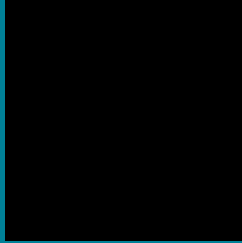
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 008198 Background



This preview shows how black text looks on a background with the Hex color 008198.

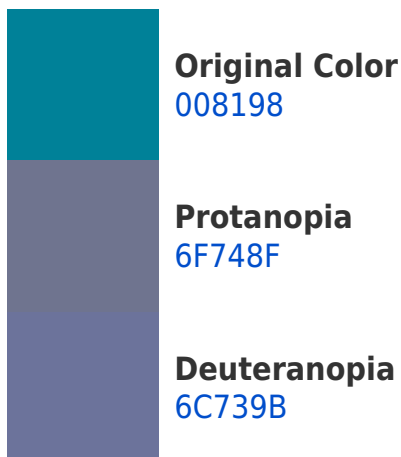


This preview shows how white text looks on a background with the Hex color 008198.

# 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



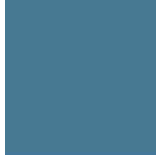


**Tritanopia**  
00828D

# Trichromacy



**Original Color**  
008198



**Protanomaly**  
477992



**Deuteranomaly**  
45789A



**Tritanomaly**  
008291

# Monochromacy



**Original Color**  
008198



**Achromatopsia**  
5D5D5D



**Achromatomaly**  
3B6A72

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 008198 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 #008198 looks like.

```
.text, #text, p{  
    color:#008198  
}
```

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 #008198 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008198
}
```

## Border

The CSS property to change the border of an element to Hex 008198 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
#008198 }
```

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

```
.border{ border-color:#008198 }
```

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

Here you see how a box with a 4 pixel #008198 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008198; -webkit-box-shadow:4px 4px  
4px 4px #008198; box-shadow:4px 4px 4px  
4px #008198 }
```

# Background

The CSS property to change the background color of an element to Hex 008198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008198 }
```

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

```
.background{ background-color:#008198 }
```

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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