

# Converting Colors

Hex(008796)

Have a look what the booklet for  
Hex(008796) contains.

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**Color**

**Hex(008796)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	008796
RGB	0, 135, 150
RGB Percent	0%, 53%, 59%
CMY	1.0000, 0.4706, 0.4118
CMYK	1.00, 0.10, 0.00, 0.41
HSL	186°, 100%, 29%
HSV	186°, 100%, 59%
XYZ	14.1690, 19.5300, 31.8770
YIQ	96.3450, -85.2750, -23.9550

# Conversions

## Conversions Part 2

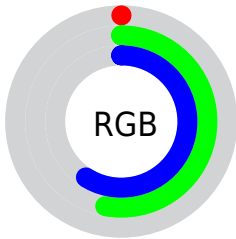
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 71, 150
Decimal	34710
CIELab	51.30, -24.98, -16.76
CIELCh	51, 30.081, 213.870
Yxy	19.5300, 0.2161, 0.2978
Android (android.graphics.Color)	4278224790 (0xFF008796)
YUV	96.3450, 26.4519, -84.4946
Hunter-Lab	44.1927, -20.1069, -11.8321

# Details

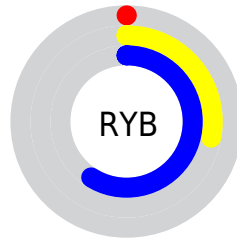
The Hex color **008796** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **960F00**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **57BDCC**, and **005563** is the 20% darker color. If you saturate the color by 10%, you get **008796**, and if you desaturate by 10%, it is **0F8896**.

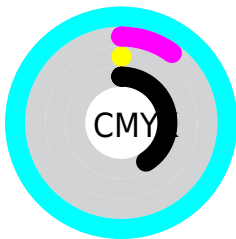
# Distribution



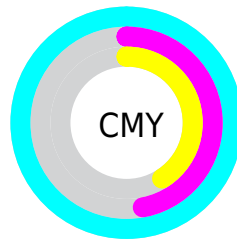
- Red (0%)
- Green (53%)
- Blue (59%)



- Red (0%)
- Yellow (28%)
- Blue (59%)



- Cyan (100%)
- Magenta (10%)
- Yellow (0%)
- Black (41%)



- Cyan (100%)
- Magenta (47%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 008796 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 008796 by changing the saturation by 10% instead.



 008796

 008796

FFFFFF

 006D7C

 57BDCC

 005563

 75D9E8

 003D4B

 93F5FF

 002735

 B0FFFF

 000B20

 CDFFFF

 000004

 EBFFFF

 000000

 008796

 0F8896

 1E8A96

 2D8B96

 3C8D96

 4B8E96

 5A9096

 699296

 789396

 879596

# Harmonies

## Analogous

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



28887D



008796



2B83A8

# Triad

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



008796



9D6A91



887A46

# Complementary

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



008796



960F00

# 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.



9E714D



008796



AB6678

# Square

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



008796



8272A5



AA695F



6D814F

# Rectangle

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



008796



4B7EAD



AA695F



907747



# Sweetspot

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



008796



88BCC2



00960F



3E5D61



E0E0E0



616161



# Same Dimension

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



008796



00AEC2



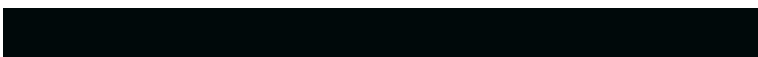
003C96



43494A



007C8A



00090A



# Inverse Universe

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



960087



C200AE



965A00



4A4349



8A007C



0A0009



# Previews

## White Background



This preview shows how the Hex color 008796 looks on a white background.

## Color Contrast Check

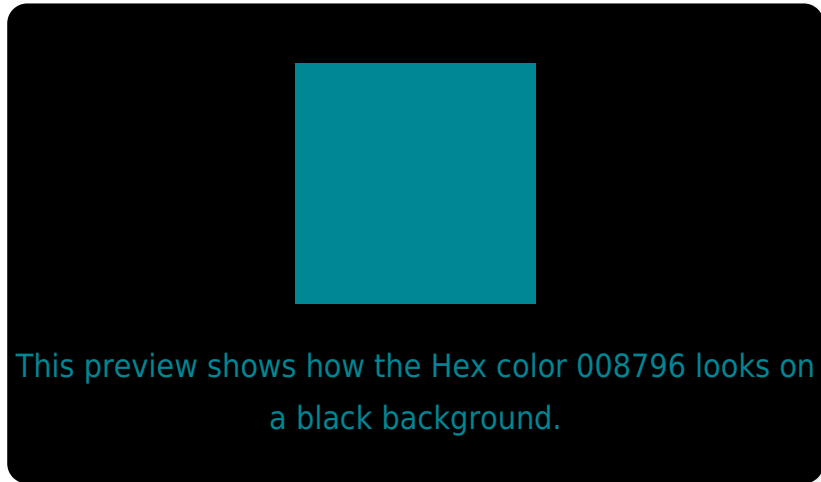
Large Text (above 18pt) WCAG AA ✓ Pass

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

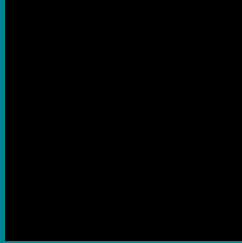
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 008796 Background



This preview shows how black text looks on a background with the Hex color 008796.

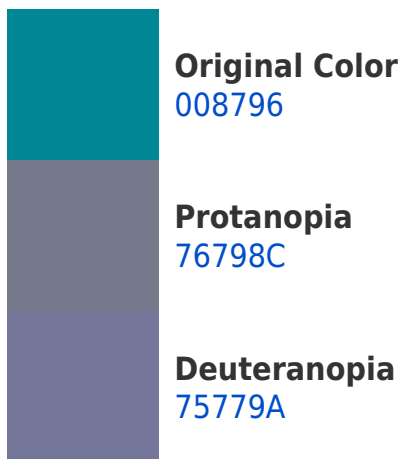


This preview shows how white text looks on a background with the Hex color 008796.

# 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**  
008792

# Trichromacy



**Original Color**  
008796



**Protanomaly**  
4B7E90



**Deuteranomaly**  
4A7D99



**Tritanomaly**  
008793

# Monochromacy



**Original Color**  
008796



**Achromatopsia**  
606060



**Achromatomaly**  
3D6E74

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 008796 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 #008796 looks like.

```
.text, #text, p{  
    color:#008796  
}
```

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 #008796 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008796
}
```

## Border

The CSS property to change the border of an element to Hex 008796 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
#008796 }
```

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

```
.border{ border-color:#008796 }
```

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

Here you see how a box with a 4 pixel #008796 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008796; -webkit-box-shadow:4px 4px  
4px 4px #008796; box-shadow:4px 4px 4px  
4px #008796 }
```

# Background

The CSS property to change the background color of an element to Hex 008796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008796 }
```

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

```
.background{ background-color:#008796 }
```

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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