

# Converting Colors

Hex(008082)

Have a look what the booklet for  
Hex(008082) contains.

<b>Hex(008082)</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(008082)

# Conversions

## Conversions Part 1

Format	Color
Hex	008082
RGB	0, 128, 130
RGB Percent	0%, 50%, 51%
CMY	1.0000, 0.4980, 0.4902
CMYK	1.00, 0.02, 0.00, 0.49
HSL	181°, 100%, 25%
HSV	181°, 100%, 51%
XYZ	11.7484, 17.0500, 23.7909
YIQ	89.9560, -76.9300, -26.5140

# Conversions

## Conversions Part 2

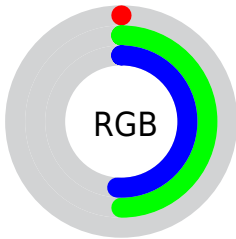
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 64, 130
Decimal	32898
CIELab	48.32, -28.19, -9.56
CIELCh	48, 29.764, 198.734
Yxy	17.0500, 0.2234, 0.3242
Android (android.graphics.Color)	4278222978 (0xFF008082)
YUV	89.9560, 19.7417, -78.8914
Hunter-Lab	41.2917, -21.4731, -5.2567

# Details

The Hex color **008082** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **820200**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **53B5B7**, and **004E51** is the 20% darker color. If you saturate the color by 10%, you get **008082**, and if you desaturate by 10%, it is **0D8082**.

# Distribution



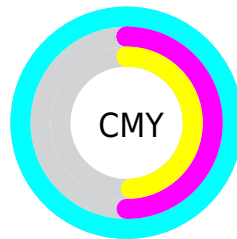
- Red (0%)
- Green (50%)
- Blue (51%)



- Red (0%)
- Yellow (25%)
- Blue (51%)



- Cyan (100%)
- Magenta (2%)
- Yellow (0%)
- Black (49%)



- Cyan (100%)
- Magenta (50%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 008082 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 008082 by changing the saturation by 10% instead.



 008082

 008082

FFFFFF

 006769

 53B5B7

 004E51

 70D1D2

 00373A

 8DEEEF

 002224

 AAAAAA

 00010F

 C7FFFF

 000000

 E4FFFF

 008082

 0D8082

■ 1A8082

■ 278182

■ 348182

■ 418182

■ 4E8182

■ 5B8182

■ 688282

■ 758282

# Harmonies

## Analogous

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



357F68



008082



007E98

# Triad

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



008082



896694



8B6E41

# Complementary

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



008082



820200

# 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.



9D654E



008082



9D607D

# Square

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



008082



6770A2



A46064



737642

# Rectangle

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



008082



2A7AA1



A46064



926B44



# Sweetspot

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



008082



76A8A8



008200



365454



D4D4D4



545454



# Same Dimension

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



008082



00A6A8



004182



394040



007E80



000000



# Inverse Universe

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



820080



A800A6



824100



403940



80007E



000000



# Previews

## White Background



This preview shows how the Hex color 008082 looks on a white background.

## Color Contrast Check

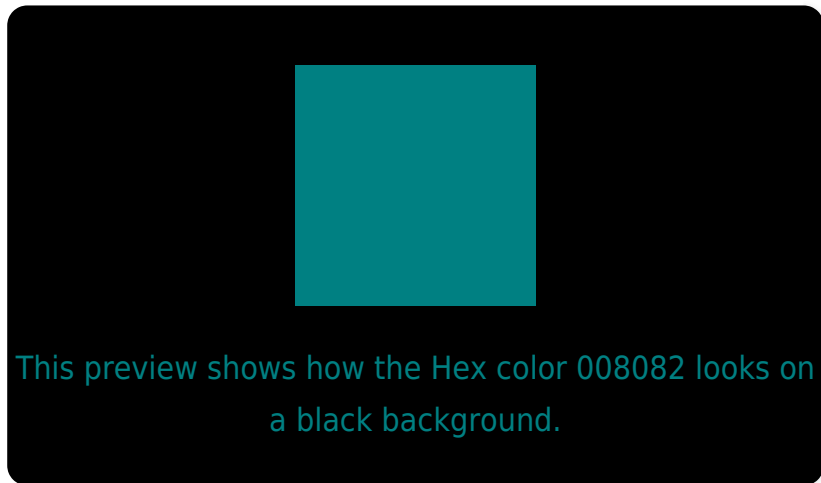
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

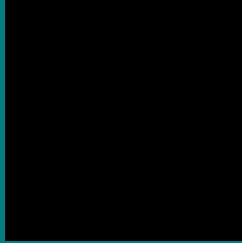
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 008082 Background



This preview shows how black text looks on a background with the Hex color 008082.

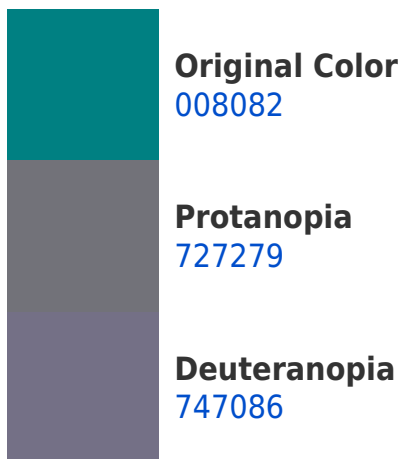


This preview shows how white text looks on a background with the Hex color 008082.

# 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**  
157F89

# Trichromacy



**Original Color**  
008082



**Protanomaly**  
49777C



**Deuteranomaly**  
4A7685



**Tritanomaly**  
0D7F86

# Monochromacy



**Original Color**  
008082



**Achromatopsia**  
5A5A5A



**Achromatomaly**  
396869

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 008082 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 #008082 looks like.

```
.text, #text, p{  
    color:#008082  
}
```

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 #008082 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008082
}
```

## Border

The CSS property to change the border of an element to Hex 008082 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
#008082 }
```

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

```
.border{ border-color:#008082 }
```

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

Here you see how a box with a 4 pixel #008082 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008082; -webkit-box-shadow:4px 4px  
4px 4px #008082; box-shadow:4px 4px 4px  
4px #008082 }
```

# Background

The CSS property to change the background color of an element to Hex 008082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008082 }
```

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

```
.background{ background-color:#008082 }
```

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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