

# Converting Colors

Hex(008682)

Have a look what the booklet for  
Hex(008682) contains.

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# Color

Hex(008682)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	008682
RGB	0, 134, 130
RGB Percent	0%, 53%, 51%
CMY	1.0000, 0.4745, 0.4902
CMYK	1.00, 0.00, 0.03, 0.47
HSL	178°, 100%, 26%
HSV	178°, 100%, 53%
XYZ	12.5544, 18.6619, 24.0595
YIQ	93.4780, -78.5800, -29.6520

# Conversions

## Conversions Part 2

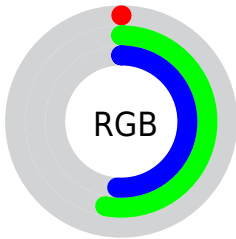
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 68, 134
Decimal	34434
CIELab	50.29, -31.09, -6.62
CIELCh	50, 31.789, 192.021
Yxy	18.6619, 0.2271, 0.3376
Android (android.graphics.Color)	4278224514 (0xFF008682)
YUV	93.4780, 18.0053, -81.9802
Hunter-Lab	43.1994, -23.7244, -2.7814

# Details

The Hex color **008682** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **860004**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **54BCB7**, and **005451** is the 20% darker color. If you saturate the color by 10%, you get **008682**, and if you desaturate by 10%, it is **0D8682**.

# Distribution



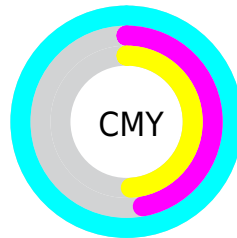
- Red (0%)
- Green (53%)
- Blue (51%)



- Red (0%)
- Yellow (27%)
- Blue (53%)



- Cyan (100%)
- Magenta (0%)
- Yellow (3%)
- Black (47%)



- Cyan (100%)
- Magenta (47%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 008682 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 008682 by changing the saturation by 10% instead.



 008682

 008682

FFFFFF

 006C69

 54BCB7

 005451

 71D8D2

 003C3A

 8EF4EF

 002624

 ABFFFF

 000310

 C9FFFF

 000000

 E6FFFF

 008682

 0D8682

 1B8683

 288683

 368684

 438684

 508684

 5E8685

 6B8685

 798686

# Harmonies

## Analogous

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



3D8566



008682



00849B

# Triad

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



008682



886DA0



977044

# Complementary

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



008682



860004

# 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.



A76755



008682



A26489

# Square

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



008682



6177AC



AC626E



7E7A42

# Rectangle

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



008682



1381A7



AC626E



9D6D48



# Sweetspot

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



008682



79ADAC



048600



375756



D6D6D6



575757



# Same Dimension

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



008682



00ADA8



004786



3C4242



00827E



000302



# Inverse Universe

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



860004



AD0005



863F00



423C3C



820004



030000



# Previews

## White Background



This preview shows how the Hex color 008682 looks on a white background.

## Color Contrast Check

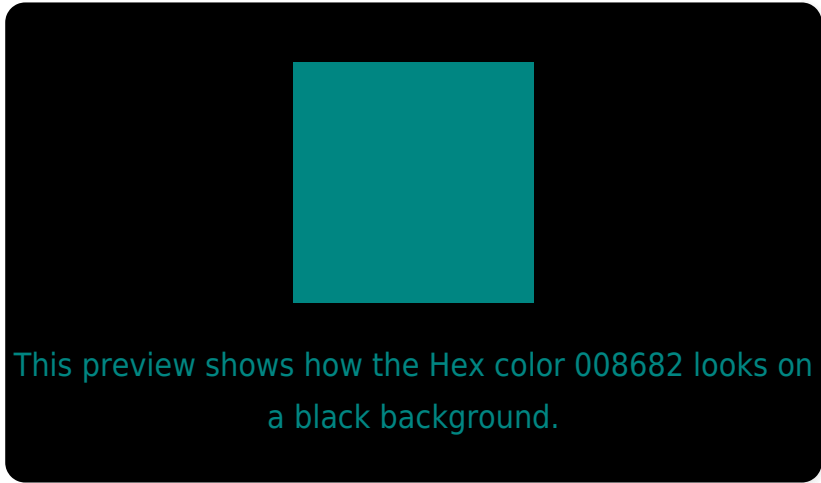
Large Text (above 18pt) WCAG AA ✓ Pass

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

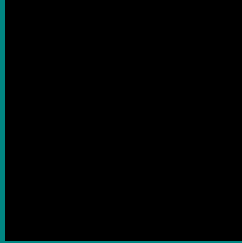
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 008682 Background



This preview shows how black text looks on a background with the Hex color 008682.

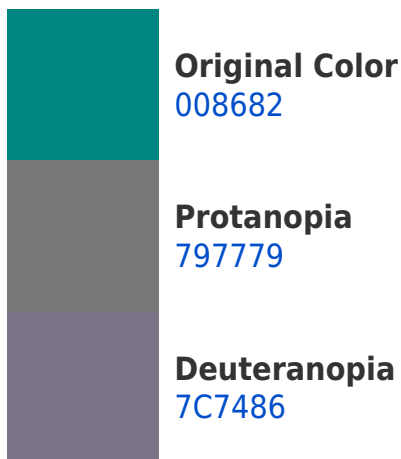


This preview shows how white text looks on a background with the Hex color 008682.

# 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**  
1C848F

# Trichromacy



**Original Color**  
008682



**Protanomaly**  
4D7C7C



**Deuteranomaly**  
4F7B85



**Tritanomaly**  
12858A

# Monochromacy



**Original Color**  
008682



**Achromatopsia**  
5D5D5D



**Achromatomaly**  
3B6C6A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 008682 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 #008682 looks like.

```
.text, #text, p{  
    color:#008682  
}
```

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 #008682 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008682
}
```

## Border

The CSS property to change the border of an element to Hex 008682 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
#008682 }
```

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

```
.border{ border-color:#008682 }
```

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

Here you see how a box with a 4 pixel #008682 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008682; -webkit-box-shadow:4px 4px  
4px 4px #008682; box-shadow:4px 4px 4px  
4px #008682 }
```

# Background

The CSS property to change the background color of an element to Hex 008682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008682 }
```

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

```
.background{ background-color:#008682 }
```

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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