

# Converting Colors

Hex(008692)

Have a look what the booklet for  
Hex(008692) contains.

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# Color

Hex(008692)

# Conversions

## Conversions Part 1

Format	Color
Hex	008692
RGB	0, 134, 146
RGB Percent	0%, 53%, 57%
CMY	1.0000, 0.4745, 0.4275
CMYK	1.00, 0.08, 0.00, 0.43
HSL	185°, 100%, 29%
HSV	185°, 100%, 57%
XYZ	13.7134, 19.1255, 30.1630
YIQ	95.3020, -83.7160, -24.6760

# Conversions

## Conversions Part 2

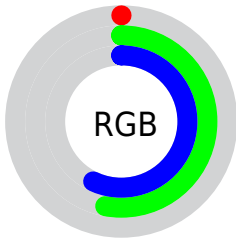
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 70, 146
Decimal	34450
CIELab	50.83, -25.83, -15.15
CIELCh	51, 29.945, 210.385
Yxy	19.1255, 0.2177, 0.3036
Android (android.graphics.Color)	4278224530 (0xFF008692)
YUV	95.3020, 24.9941, -83.5799
Hunter-Lab	43.7327, -20.5595, -10.2801

# Details

The Hex color **008692** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **920C00**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **56BCC8**, and **005460** is the 20% darker color. If you saturate the color by 10%, you get **008692**, and if you desaturate by 10%, it is **0F8792**.

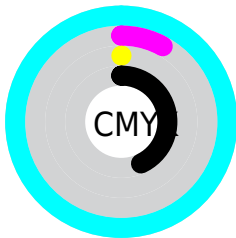
# Distribution



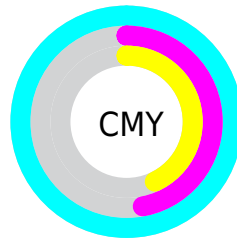
- Red (0%)
- Green (53%)
- Blue (57%)



- Red (0%)
- Yellow (27%)
- Blue (57%)



- Cyan (100%)
- Magenta (8%)
- Yellow (0%)
- Black (43%)



- Cyan (100%)
- Magenta (47%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 008692 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 008692 by changing the saturation by 10% instead.



 008692

 008692

FFFFFF

 006C78

 56BCC8

 005460

 74D7E4

 003C48

 91F4FF

 002631

 AFFFFFF

 00071D

 CCFFFF

 000000

 EAFFFF

 008692

 0F8792

 1D8892

 2C8A92

 3A8B92

 498C92

 588D92

 668E92

 759092

 839192

# Harmonies

## Analogous

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



2C8779



008692



2482A5

# Triad

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



008692



996A93



897845

# Complementary

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



008692



920C00

# 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.



9E6F4D



008692



A9657A

# Square

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



008692



7C72A5



AA6761



6F7F4C

# Rectangle

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



008692



457EAB



AA6761



917547



# Sweetspot

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



008692



84B8BD



00920A



3C5C5E



DEDEDE



5E5E5E



# Same Dimension

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



008692



00ADB8



003F92



43494A



007E8A



00090A



# Inverse Universe

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



920086



BD00AD



925300



4A4349



8A007E



0A0009



# Previews

## White Background



This preview shows how the Hex color 008692 looks on a white background.

## Color Contrast Check

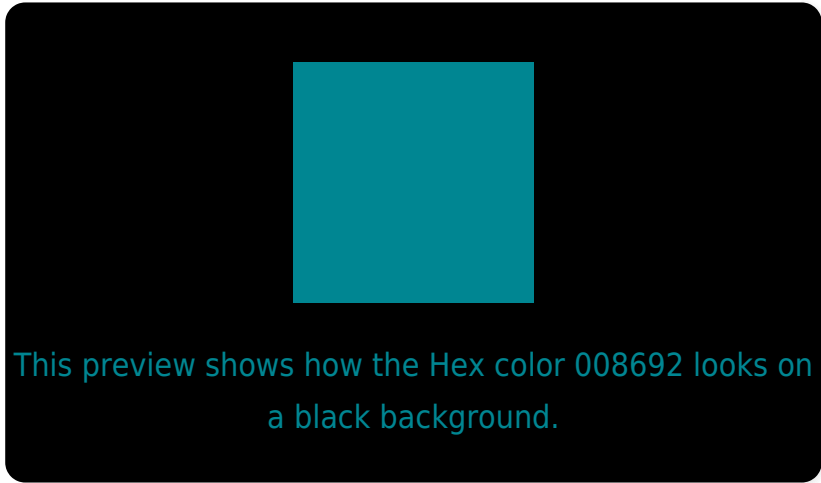
Large Text (above 18pt) WCAG AA ✓ Pass

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

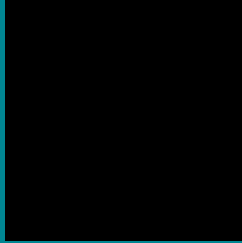
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 008692 Background



This preview shows how black text looks on a background with the Hex color 008692.

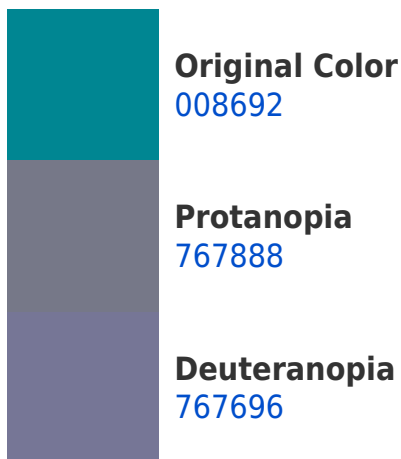


This preview shows how white text looks on a background with the Hex color 008692.

# 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**  
008691

# Trichromacy



**Original Color**  
008692



**Protanomaly**  
4B7D8C



**Deuteranomaly**  
4B7C95



**Tritanomaly**  
008691

# Monochromacy



**Original Color**  
008692



**Achromatopsia**  
5F5F5F



**Achromatomaly**  
3C6D72

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 008692 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 #008692 looks like.

```
.text, #text, p{  
    color:#008692  
}
```

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 #008692 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008692
}
```

## Border

The CSS property to change the border of an element to Hex 008692 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
#008692 }
```

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

```
.border{ border-color:#008692 }
```

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

Here you see how a box with a 4 pixel #008692 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008692; -webkit-box-shadow:4px 4px  
4px 4px #008692; box-shadow:4px 4px 4px  
4px #008692 }
```

# Background

The CSS property to change the background color of an element to Hex 008692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008692 }
```

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

```
.background{ background-color:#008692 }
```

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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