

# Converting Colors

Hex(008E8E)

Have a look what the booklet for  
Hex(008E8E) contains.

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# Color

Hex(008E8E)

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 008E8E                      |
| RGB         | 0, 142, 142                 |
| RGB Percent | 0%, 56%, 56%                |
| CMY         | 1.0000, 0.4431, 0.4431      |
| CMYK        | 1.00, 0.00, 0.00, 0.44      |
| HSL         | 180°, 100%, 28%             |
| HSV         | 180°, 100%, 56%             |
| XYZ         | 14.5555, 21.2990, 28.9351   |
| YIQ         | 99.5420, -84.6320, -30.1040 |

# Conversions

## Conversions Part 2

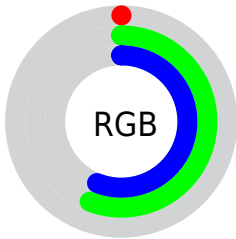
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 0, 71, 142                    |
| Decimal                             | 36494                         |
| CIELab                              | 53.28, -31.09, -9.14          |
| CIELCh                              | 53, 32.411, 196.386           |
| Yxy                                 | 21.2990, 0.2247,<br>0.3287    |
| Android<br>(android.graphics.Color) | 4278226574<br>(0xFF008E8E)    |
| YUV                                 | 99.5420, 20.9318,<br>-87.2983 |
| Hunter-Lab                          | 46.1508, -24.4669,<br>-4.8674 |

# Details

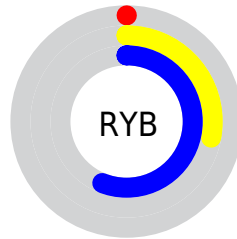
The Hex color **008E8E** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **8E0000**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **57C4C4**, and **005B5C** is the 20% darker color. If you saturate the color by 10%, you get **008E8E**, and if you desaturate by 10%, it is **0E8E8E**.

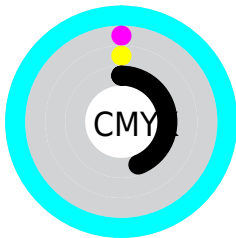
# Distribution



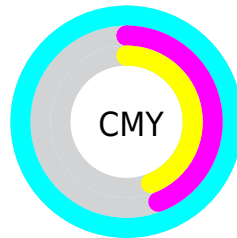
- Red (0%)
- Green (56%)
- Blue (56%)



- Red (0%)
- Yellow (28%)
- Blue (56%)



- Cyan (100%)
- Magenta (0%)
- Yellow (0%)
- Black (44%)



- Cyan (100%)
- Magenta (44%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 008E8E 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 008E8E by changing the saturation by 10% instead.



 008E8E

 008E8E

FFFFFF

 007474

 57C4C4

 005B5C

 75E0E0

 004344

 93FDFC

 002C2E

 B0FFFF

 00141A

 CDFFFF

 000000

 EBFFFF

 008E8E

 0E8E8E

 1C8E8E

 2B8E8E

 398E8E

 478E8E

 558E8E

 638E8E

 728E8E

 808E8E

# Harmonies

## Analogous

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



3D8D71



008E8E



008CA7

# Triad

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



008E8E



9572A6



9C7949

# Complementary

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



008E8E



8E0000

# 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.



AF7058



008E8E



AD6B8D

# Square

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



008E8E



6F7DB5



B56A71



828249

# Rectangle

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



008E8E



2888B2



B56A71



A4764D



# Sweetspot

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



008E8E



81B8B8



008E00



3B5C5C



DBDBDB



5C5C5C



# Same Dimension

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



008E8E



00B8B8



00478E



404747



008787



000808



# Inverse Universe

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



8E008E



B800B8



8E4700



474047



870087



080008



# Previews

## White Background



This preview shows how the Hex color 008E8E looks on a white background.

## Color Contrast Check

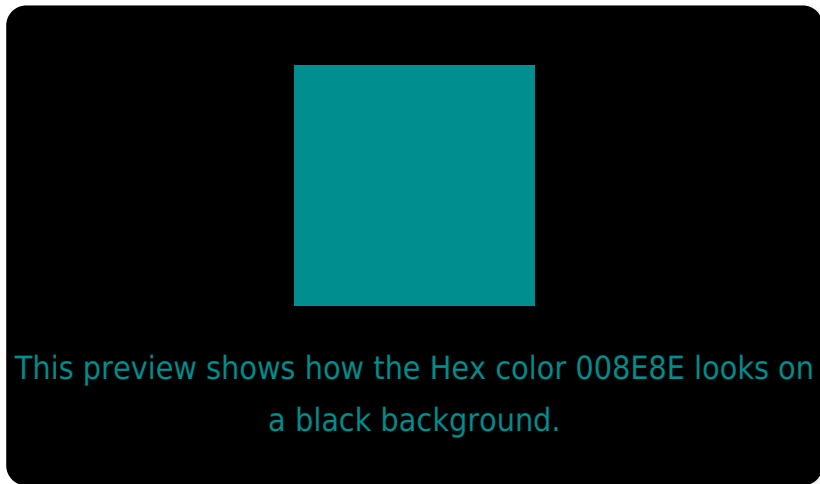
Large Text (above 18pt) WCAG AA ✓ Pass

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

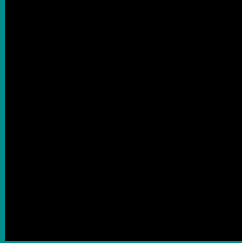
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 008E8E Background



This preview shows how black text looks on a background with the Hex color 008E8E.

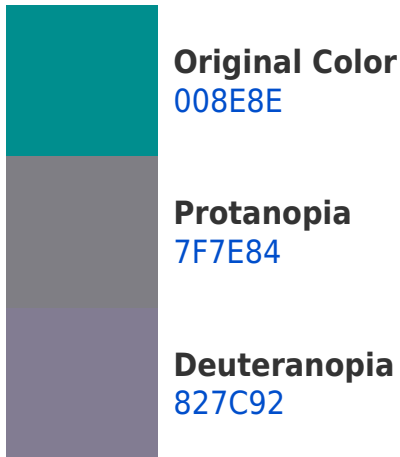


This preview shows how white text looks on a background with the Hex color 008E8E.

# 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**  
1A8C98

# Trichromacy



**Original Color**  
008E8E



**Protanomaly**  
518488



**Deuteranomaly**  
538391



**Tritanomaly**  
118D94

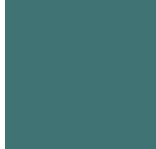
# Monochromacy



**Original Color**  
008E8E



**Achromatopsia**  
646464



**Achromatomaly**  
407373

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 008E8E 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 #008E8E looks like.

```
.text, #text, p{  
    color:#008E8E  
}
```

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 #008E8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008E8E
}
```

## Border

The CSS property to change the border of an element to Hex 008E8E 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
#008E8E }
```

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

```
.border{ border-color:#008E8E }
```

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

Here you see how a box with a 4 pixel #008E8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008E8E; -webkit-box-shadow:4px 4px  
4px 4px #008E8E; box-shadow:4px 4px 4px  
4px #008E8E }
```

# Background

The CSS property to change the background color of an element to Hex 008E8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008E8E }
```

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

```
.background{ background-color:#008E8E }
```

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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