

# Converting Colors

Hex(007F8E)

Have a look what the booklet for  
Hex(007F8E) contains.

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# Color

Hex(007F8E)

# Conversions

## Conversions Part 1

Format	Color
Hex	007F8E
RGB	0, 127, 142
RGB Percent	0%, 50%, 56%
CMY	1.0000, 0.5020, 0.4431
CMYK	1.00, 0.11, 0.00, 0.44
HSL	186°, 100%, 28%
HSV	186°, 100%, 56%
XYZ	12.4719, 17.1317, 28.2406
YIQ	90.7370, -80.5070, -22.2590

# Conversions

## Conversions Part 2

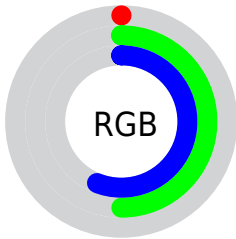
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 67, 142
Decimal	32654
CIELab	48.43, -23.62, -16.47
CIElCh	48, 28.792, 214.886
Yxy	17.1317, 0.2156, 0.2962
Android (android.graphics.Color)	4278222734 (0xFF007F8E)
YUV	90.7370, 25.2727, -79.5763
Hunter-Lab	41.3905, -18.6475, -11.4800

# Details

The Hex color **007F8E** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8E0F00**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **54B4C4**, and **004D5C** is the 20% darker color. If you saturate the color by 10%, you get **007F8E**, and if you desaturate by 10%, it is **0E818E**.

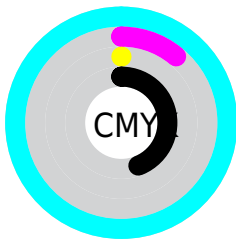
# Distribution



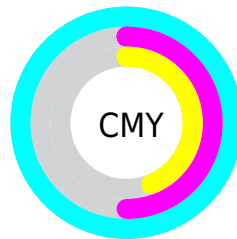
- Red (0%)
- Green (50%)
- Blue (56%)



- Red (0%)
- Yellow (26%)
- Blue (56%)



- Cyan (100%)
- Magenta (11%)
- Yellow (0%)
- Black (44%)



- Cyan (100%)
- Magenta (50%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 007F8E 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 007F8E by changing the saturation by 10% instead.



 007F8E

 007F8E

FFFFFF

 006674

 54B4C4

 004D5C

 72D0E0

 003644

 8FECFC

 00222E

 ACFFFF

 00011A

 C9FFFF

 000000

 E7FFFF

 007F8E

 0E818E

 1C828E

 2B848E

 39858E

 47878E

 55888E

 638A8E

 728B8E

 808D8E

# Harmonies

## Analogous

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



248076



007F8E



297B9E

# Triad

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



007F8E



956388



7F7342

# Complementary

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



007F8E



8E0F00

# 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.



946A47



007F8E



A16070

# Square

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



007F8E



7B6B9B



A06358



657A4A

# Rectangle

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



007F8E



4877A3



A06358



877042



# Sweetspot

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



007F8E



81B2B8



008E0E



3B585C



DBDBDB



5C5C5C



# Same Dimension

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



007F8E



00A4B8



00398E



404747



007987



000708



# Inverse Universe

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



8E007F



B800A4



8E5500



474047



870079



080007



# Previews

## White Background



This preview shows how the Hex color 007F8E looks on a white background.

## Color Contrast Check

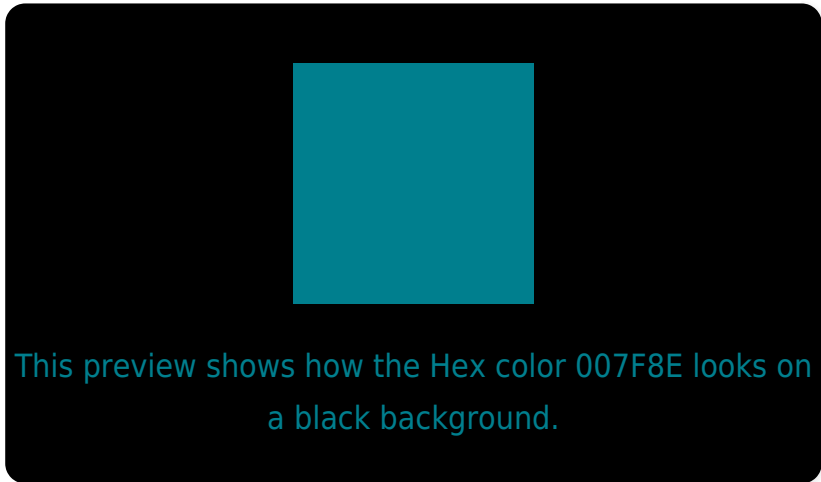
Large Text (above 18pt) WCAG AA ✓ Pass

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

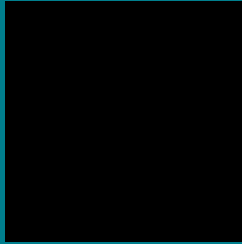
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 007F8E Background



This preview shows how black text looks on a background with the Hex color 007F8E.

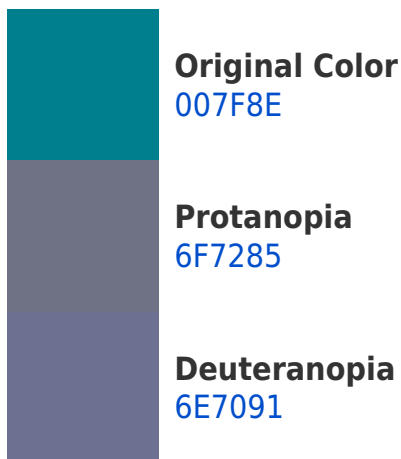


This preview shows how white text looks on a background with the Hex color 007F8E.

# 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**  
007F8A

# Trichromacy



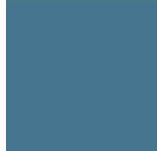
**Original Color**

007F8E



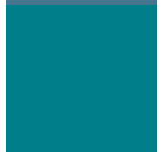
**Protanomaly**

477788



**Deuteranomaly**

467590



**Tritanomaly**

007F8B

# Monochromacy



**Original Color**

007F8E



**Achromatopsia**

5B5B5B



**Achromatomaly**

3A686E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 007F8E 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 #007F8E looks like.

```
.text, #text, p{  
    color:#007F8E  
}
```

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 #007F8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007F8E
}
```

## Border

The CSS property to change the border of an element to Hex 007F8E 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
#007F8E }
```

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

```
.border{ border-color:#007F8E }
```

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

Here you see how a box with a 4 pixel #007F8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007F8E; -webkit-box-shadow:4px 4px  
4px 4px #007F8E; box-shadow:4px 4px 4px  
4px #007F8E }
```

# Background

The CSS property to change the background color of an element to Hex 007F8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007F8E }
```

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

```
.background{ background-color:#007F8E }
```

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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