

# Converting Colors

Hex(008C7F)

Have a look what the booklet for  
Hex(008C7F) contains.

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# Color

Hex(008C7F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	008C7F
RGB	0, 140, 127
RGB Percent	0%, 55%, 50%
CMY	1.0000, 0.4510, 0.5020
CMYK	1.00, 0.00, 0.09, 0.45
HSL	174°, 100%, 27%
HSV	174°, 100%, 55%
XYZ	13.2088, 20.2885, 23.2986
YIQ	96.6580, -79.2670, -33.7230

# Conversions

## Conversions Part 2

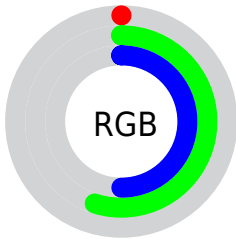
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 73, 140
Decimal	35967
CIELab	52.16, -34.81, -2.10
CIELCh	52, 34.877, 183.459
Yxy	20.2885, 0.2326, 0.3572
Android (android.graphics.Color)	4278226047 (0xFF008C7F)
YUV	96.6580, 14.9586, -84.7691
Hunter-Lab	45.0427, -26.4794, 0.8619

# Details

The Hex color **008C7F** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **8C000D**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **55C2B4**, and **00594E** is the 20% darker color. If you saturate the color by 10%, you get **008C7F**, and if you desaturate by 10%, it is **0E8C80**.

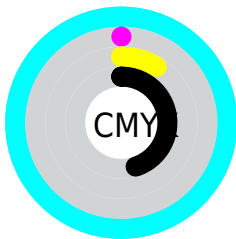
# Distribution



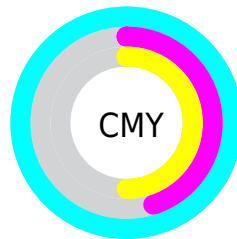
- Red (0%)
- Green (55%)
- Blue (50%)



- Red (0%)
- Yellow (29%)
- Blue (55%)



- Cyan (100%)
- Magenta (0%)
- Yellow (9%)
- Black (45%)



- Cyan (100%)
- Magenta (45%)
- Yellow (50%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 008C7F 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 008C7F by changing the saturation by 10% instead.



 008C7F

 008C7F

FFFFFF

 007266

 55C2B4

 00594E

 72DECF

 004137

 90FBEB

 002A22

 ADFFFF

 000F0C

 CAFFFF

 000000

 E8FFFF

 008C7F

 0E8C80

 1C8C82

 2A8C83

 388C84

 468C85

 548C87

 628C88

 708C89

 7E8C8B

# Harmonies

## Analogous

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



478A61



008C7F



008B9C

# Triad

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



008C7F



8473AE



A57147

# Complementary

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



008C7F



8C000D

# 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.



B3685D



008C7F



A56998

# Square

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



008C7F



537EB8



B4647A



8C7C40

# Rectangle

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



008C7F



0088AC



B4647A



AB6E4D



# Sweetspot

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



008C7F



7FB5B0



0E8C00



3B5C59



DBDBDB



5C5C5C



# Same Dimension

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



008C7F



00B5A4



00548C



3E4544



008578



000505



# Inverse Universe

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



8C000D



B50011



8C3800



453E3F



85000C



050000



# Previews

## White Background



This preview shows how the Hex color 008C7F looks on a white background.

## Color Contrast Check

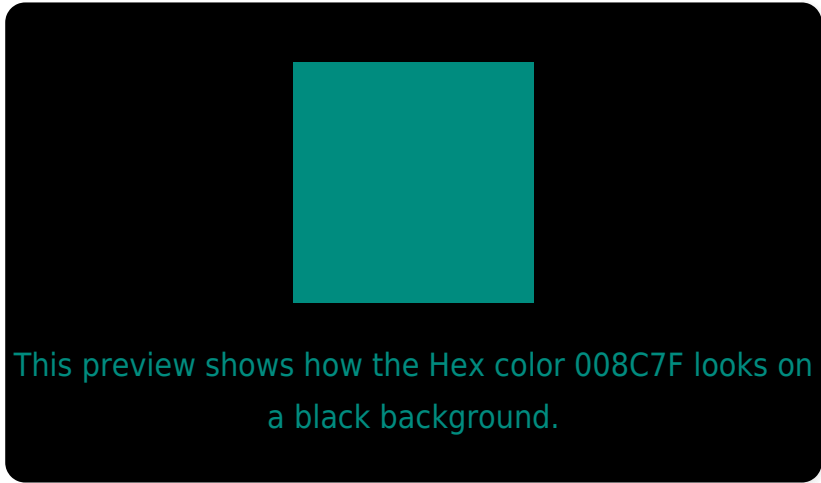
Large Text (above 18pt) WCAG AA ✓ Pass

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 008C7F Background



This preview shows how black text looks on a background with the Hex color 008C7F.

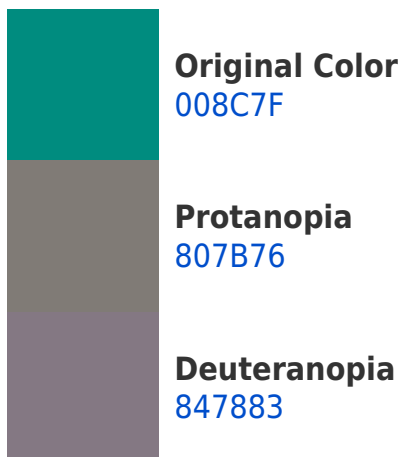


This preview shows how white text looks on a background with the Hex color 008C7F.

# 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**  
238994

# Trichromacy



**Original Color**  
008C7F



**Protanomaly**  
518179



**Deuteranomaly**  
547F82



**Tritanomaly**  
168A8C

# Monochromacy



**Original Color**  
008C7F



**Achromatopsia**  
616161



**Achromatomaly**  
3E716C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 008C7F 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 #008C7F looks like.

```
.text, #text, p{  
    color:#008C7F  
}
```

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 #008C7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008C7F
}
```

## Border

The CSS property to change the border of an element to Hex 008C7F 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
#008C7F }
```

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

```
.border{ border-color:#008C7F }
```

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

Here you see how a box with a 4 pixel #008C7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008C7F; -webkit-box-shadow:4px 4px  
4px 4px #008C7F; box-shadow:4px 4px 4px  
4px #008C7F }
```

# Background

The CSS property to change the background color of an element to Hex 008C7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008C7F }
```

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

```
.background{ background-color:#008C7F }
```

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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