

# Converting Colors

Hex(008F80)

Have a look what the booklet for  
Hex(008F80) contains.

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# Color

**Hex(008F80)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	008F80
RGB	0, 143, 128
RGB Percent	0%, 56%, 50%
CMY	1.0000, 0.4392, 0.4980
CMYK	1.00, 0.00, 0.10, 0.44
HSL	174°, 100%, 28%
HSV	174°, 100%, 56%
XYZ	13.7187, 21.2034, 23.7917
YIQ	98.5330, -80.4130, -34.9810

# Conversions

## Conversions Part 2

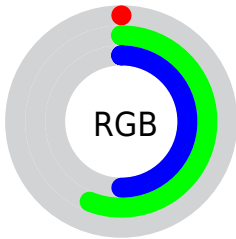
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 75, 143
Decimal	36736
CIELab	53.17, -35.87, -1.20
CIELCh	53, 35.895, 181.918
Yxy	21.2034, 0.2337, 0.3611
Android (android.graphics.Color)	4278226816 (0xFF008F80)
YUV	98.5330, 14.5272, -86.4134
Hunter-Lab	46.0472, -27.4024, 1.5990

# Details

The Hex color **008F80** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **8F000F**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **56C5B5**, and **005C4F** is the 20% darker color. If you saturate the color by 10%, you get **008F80**, and if you desaturate by 10%, it is **0E8F82**.

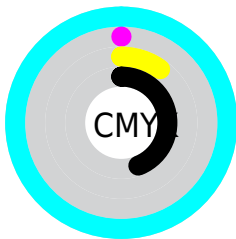
# Distribution



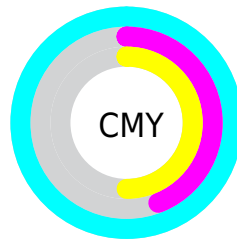
- Red (0%)
- Green (56%)
- Blue (50%)



- Red (0%)
- Yellow (29%)
- Blue (56%)



- Cyan (100%)
- Magenta (0%)
- Yellow (10%)
- Black (44%)



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


# Brightness & Saturation Gradients

These gradients show how the Hex color 008F80 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 008F80 by changing the saturation by 10% instead.



 008F80

 008F80

FFFFFF

 007567

 56C5B5

 005C4F

 73E2D0

 004338

 91FFEC

 002C23

 AEFFFF

 00140E

 CBFFFF

 000000

 E9FFFF

 008F80

 0E8F82

 1D8F83

 2B8F84

 398F86

 488F88

 568F89

 648F8B

 728F8C

 818F8E

# Harmonies

## Analogous

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



4A8D61



008F80



008E9F

# Triad

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



008F80



8476B3



A97349

# Complementary

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



008F80



8F000F

# 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.



B86960



008F80



A76B9D

# Square

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



008F80



5181BC



B8667E



907E40

# Rectangle

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



008F80



008CAF



B8667E



B06F4F



# Sweetspot

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



008F80



82BAB4



118F00



3C5E5B



DEDEDE



5E5E5E



# Same Dimension

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



008F80



00BAA7



00588F



404747



008779



000807



# Inverse Universe

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



8F000F



BA0014



8F3700



474041



87000E



080001



# Previews

## White Background



This preview shows how the Hex color 008F80 looks on a white background.

## Color Contrast Check

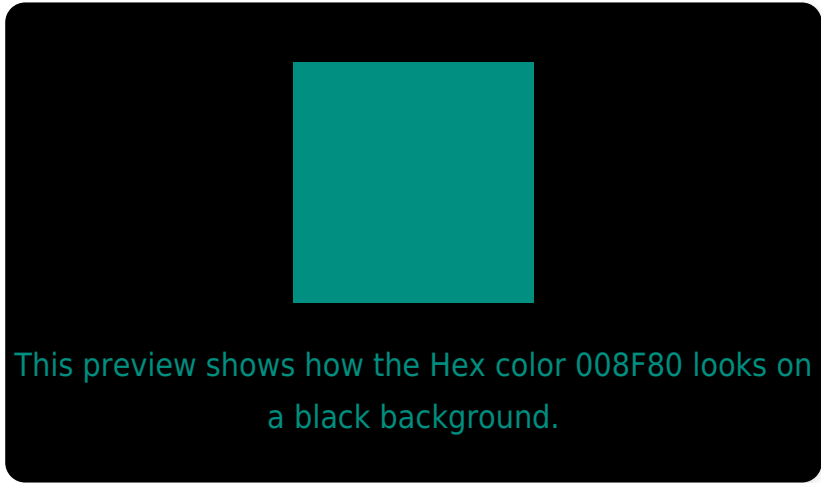
Large Text (above 18pt) WCAG AA ✓ Pass

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

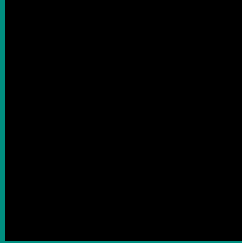
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 008F80 Background



This preview shows how black text looks on a background with the Hex color 008F80.

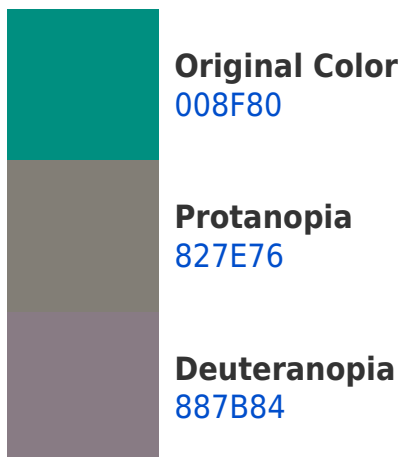


This preview shows how white text looks on a background with the Hex color 008F80.

# 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**  
258C97

# Trichromacy



**Original Color**  
008F80



**Protanomaly**  
53847A



**Deuteranomaly**  
578283



**Tritanomaly**  
188D8F

# Monochromacy



**Original Color**  
008F80



**Achromatopsia**  
636363



**Achromatomaly**  
3F736E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 008F80 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 #008F80 looks like.

```
.text, #text, p{  
    color:#008F80  
}
```

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 #008F80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008F80
}
```

## Border

The CSS property to change the border of an element to Hex 008F80 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
#008F80 }
```

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

```
.border{ border-color:#008F80 }
```

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

Here you see how a box with a 4 pixel #008F80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008F80; -webkit-box-shadow:4px 4px  
4px 4px #008F80; box-shadow:4px 4px 4px  
4px #008F80 }
```

# Background

The CSS property to change the background color of an element to Hex 008F80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008F80 }
```

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

```
.background{ background-color:#008F80 }
```

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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