

# Converting Colors

Hex(00807C)

Have a look what the booklet for  
Hex(00807C) contains.

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**Color**

**Hex(00807C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00807C
RGB	0, 128, 124
RGB Percent	0%, 50%, 49%
CMY	1.0000, 0.4980, 0.5137
CMYK	1.00, 0.00, 0.03, 0.50
HSL	178°, 100%, 25%
HSV	178°, 100%, 50%
XYZ	11.3573, 16.8936, 21.7310
YIQ	89.2720, -75.0040, -28.3800

# Conversions

## Conversions Part 2

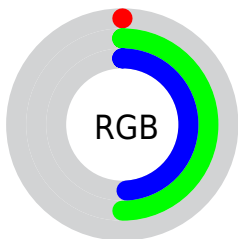
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 65, 128
Decimal	32892
CIELab	48.13, -30.13, -6.32
CIElCh	48, 30.787, 191.841
Yxy	16.8936, 0.2272, 0.3380
Android (android.graphics.Color)	4278222972 (0xFF00807C)
YUV	89.2720, 17.1209, -78.2915
Hunter-Lab	41.1018, -22.6050, -2.5760

# Details

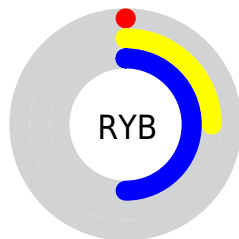
The Hex color **00807C** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **800004**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **52B5B0**, and **004E4B** is the 20% darker color. If you saturate the color by 10%, you get **00807C**, and if you desaturate by 10%, it is **0D807C**.

# Distribution



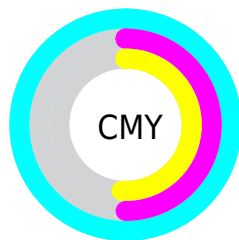
- Red (0%)
- Green (50%)
- Blue (49%)



- Red (0%)
- Yellow (25%)
- Blue (50%)



- Cyan (100%)
- Magenta (0%)
- Yellow (3%)
- Black (50%)



- Cyan (100%)
- Magenta (50%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00807C 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 00807C by changing the saturation by 10% instead.



 00807C

 00807C

FFFFFF

 006763

 52B5B0

 004E4B

 6FD1CC

 003635

 8CEEE8

 00221F

 A9FFFF

 000008

 C6FFFF

 000000

 E3FFFF

 00807C

 0D807C

 1A807D

 26807D

 33807E

 40807E

 4D807E

 5A807F

 66807F

 738080

# Harmonies

## Analogous

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



3A7F61



00807C



007E94

# Triad

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



00807C



826899



906B41

# Complementary

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



00807C



800004

# 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.



A06251



00807C



9B6083

# Square

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



00807C



5C71A5



A45E69



79743E

# Rectangle

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



00807C



117B9F



A45E69



976845



# Sweetspot

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



00807C



74A6A4



048000



365453



D4D4D4



545454



# Same Dimension

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



00807C



00A6A1



004480



394040



000000

# Inverse Universe

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



800004



A60005



803C00



40393A



000000

# Previews

## White Background



This preview shows how the Hex color 00807C looks on a white background.

## Color Contrast Check

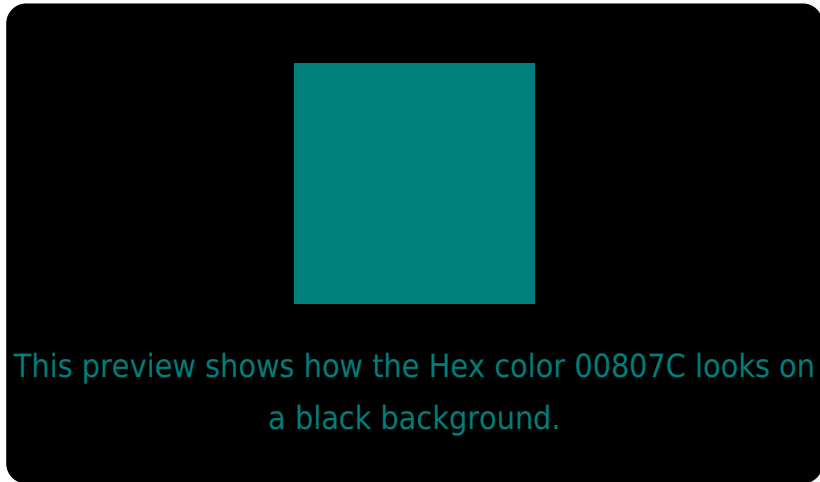
Large Text (above 18pt) WCAG AA ✓ Pass

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

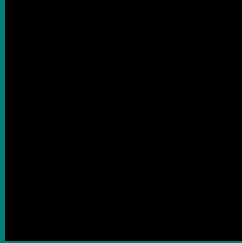
Any Text WCAG AA × Fail

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 00807C Background



This preview shows how black text looks on a background with the Hex color 00807C.

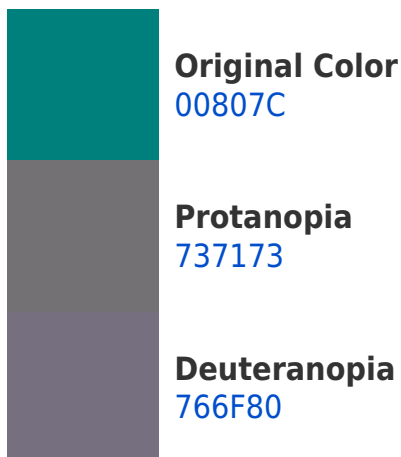


This preview shows how white text looks on a background with the Hex color 00807C.

# 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**  
1B7E88

# Trichromacy



**Original Color**  
00807C



**Protanomaly**  
497676



**Deuteranomaly**  
4B757F



**Tritanomaly**  
117F84

# Monochromacy



**Original Color**  
00807C



**Achromatopsia**  
595959



**Achromatomaly**  
396766

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00807C 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 #00807C looks like.

```
.text, #text, p{  
    color:#00807C  
}
```

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 #00807C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00807C
}
```

## Border

The CSS property to change the border of an element to Hex 00807C 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
#00807C }
```

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

```
.border{ border-color:#00807C }
```

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

Here you see how a box with a 4 pixel #00807C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00807C; -webkit-box-shadow:4px 4px  
4px 4px #00807C; box-shadow:4px 4px 4px  
4px #00807C }
```

# Background

The CSS property to change the background color of an element to Hex 00807C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00807C }
```

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

```
.background{ background-color:#00807C }
```

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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