

# Converting Colors

Hex(007A7C)

Have a look what the booklet for  
Hex(007A7C) contains.

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# Color

Hex(007A7C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	007A7C
RGB	0, 122, 124
RGB Percent	0%, 48%, 49%
CMY	1.0000, 0.5216, 0.5137
CMYK	1.00, 0.02, 0.00, 0.51
HSL	181°, 100%, 24%
HSV	181°, 100%, 49%
XYZ	10.5976, 15.3743, 21.4778
YIQ	85.7500, -73.3540, -25.2420

# Conversions

## Conversions Part 2

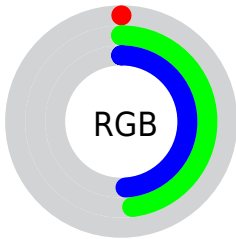
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 61, 124
Decimal	31356
CIELab	46.14, -27.20, -9.28
CIELCh	46, 28.742, 198.838
Yxy	15.3743, 0.2233, 0.3240
Android (android.graphics.Color)	4278221436 (0xFF007A7C)
YUV	85.7500, 18.8573, -75.2027
Hunter-Lab	39.2101, -20.3730, -5.0297

# Details

The Hex color **007A7C** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7C0200**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **51AFB0**, and **00494B** is the 20% darker color. If you saturate the color by 10%, you get **007A7C**, and if you desaturate by 10%, it is **0C7A7C**.

# Distribution



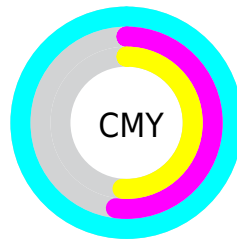
- Red (0%)
- Green (48%)
- Blue (49%)



- Red (0%)
- Yellow (24%)
- Blue (49%)



- Cyan (100%)
- Magenta (2%)
- Yellow (0%)
- Black (51%)



- Cyan (100%)
- Magenta (52%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 007A7C 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 007A7C by changing the saturation by 10% instead.



 007A7C

 007A7C

FFFFFF

 006163

 51AFB0

 00494B

 6ECBCC

 003135

 8AE7E8

 001F1F

 A7FFFF

 000006

 C4FFFF

 000000

 E1FFFF

 007A7C

 0C7A7C

 197A7C

 257B7C

 327B7C

 3E7B7C

 4A7B7C

 577B7C

 637C7C

 707C7C

# Harmonies

## Analogous

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



327963



007A7C



007891

# Triad

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



007A7C



83628D



85693E

# Complementary

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



007A7C



7C0200

# 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.



95604A



007A7C



965B77

# Square

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



007A7C



636A9B



9C5B5F



6E713F

# Rectangle

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



007A7C



28749A



9C5B5F



8B6641



# Sweetspot

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



007A7C



70A0A1



007C00



345152



D1D1D1



525252



# Same Dimension

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



007A7C



009EA1



003E7C



373D3D



007B7D



00F8FC



# Inverse Universe

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



7C007A



A1009E



7C3E00



3D373D



7D007B



FC00F8



# Previews

## White Background



This preview shows how the Hex color 007A7C looks on a white background.

## Color Contrast Check

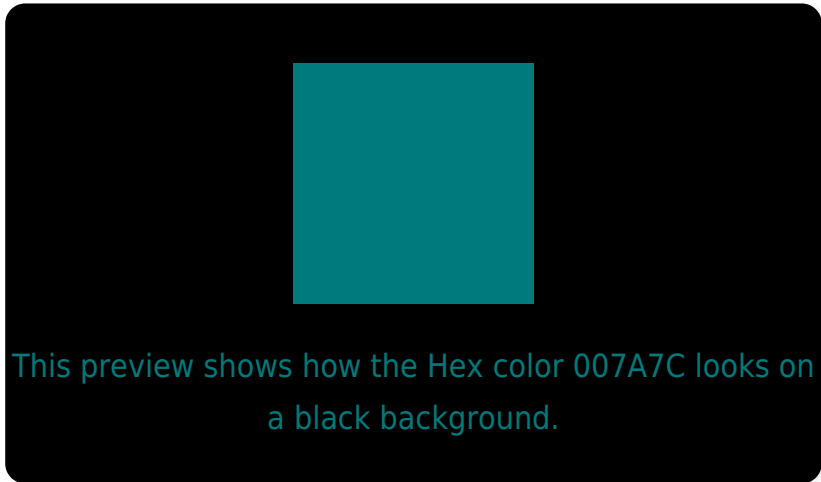
Large Text (above 18pt) WCAG AA ✓ Pass

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

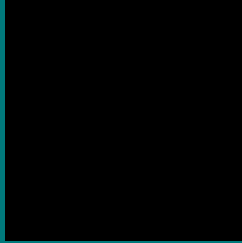
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 007A7C Background



This preview shows how black text looks on a background with the Hex color 007A7C.

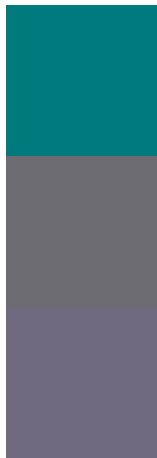


This preview shows how white text looks on a background with the Hex color 007A7C.

# 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



**Original Color**  
007A7C

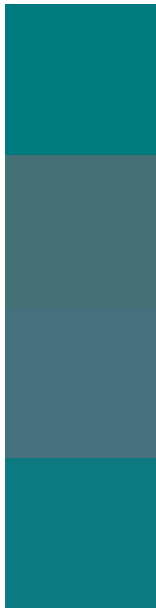
**Protanopia**  
6D6C73

**Deuteranopia**  
6F6A7F



**Tritanopia**  
147983

# Trichromacy



**Original Color**  
007A7C

**Protanomaly**  
457176

**Deuteranomaly**  
47707E

**Tritanomaly**  
0D7980

# Monochromacy



**Original Color**  
007A7C

**Achromatopsia**  
565656

**Achromatomaly**  
376364

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 007A7C 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 #007A7C looks like.

```
.text, #text, p{  
    color:#007A7C  
}
```

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 #007A7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007A7C
}
```

## Border

The CSS property to change the border of an element to Hex 007A7C 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
#007A7C }
```

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

```
.border{ border-color:#007A7C }
```

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

Here you see how a box with a 4 pixel #007A7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007A7C; -webkit-box-shadow:4px 4px  
4px 4px #007A7C; box-shadow:4px 4px 4px  
4px #007A7C }
```

# Background

The CSS property to change the background color of an element to Hex 007A7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007A7C }
```

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

```
.background{ background-color:#007A7C }
```

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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