

# Converting Colors

Hex(007F7C)

Have a look what the booklet for  
Hex(007F7C) contains.

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# Color

Hex(007F7C)

# Conversions

## Conversions Part 1

Format	Color
Hex	007F7C
RGB	0, 127, 124
RGB Percent	0%, 50%, 49%
CMY	1.0000, 0.5020, 0.5137
CMYK	1.00, 0.00, 0.02, 0.50
HSL	179°, 100%, 25%
HSV	179°, 100%, 50%
XYZ	11.2275, 16.6340, 21.6877
YIQ	88.6850, -74.7290, -27.8570

# Conversions

## Conversions Part 2

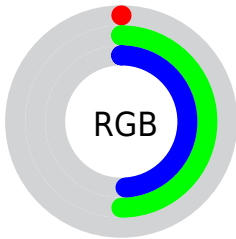
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 64, 127
Decimal	32636
CIELab	47.80, -29.65, -6.81
CIELCh	48, 30.422, 192.934
Yxy	16.6340, 0.2266, 0.3357
Android (android.graphics.Color)	4278222716 (0xFF007F7C)
YUV	88.6850, 17.4103, -77.7767
Hunter-Lab	40.7848, -22.2349, -2.9787

# Details

The Hex color **007F7C** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **7F0003**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **52B4B0**, and **004D4B** is the 20% darker color. If you saturate the color by 10%, you get **007F7C**, and if you desaturate by 10%, it is **0D7F7C**.

# Distribution



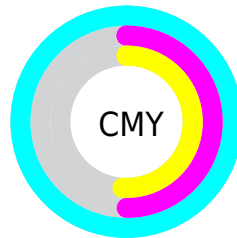
- Red (0%)
- Green (50%)
- Blue (49%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (2%)
- Black (50%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 007F7C 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 007F7C by changing the saturation by 10% instead.



 007F7C

 007F7C

FFFFFF

 006663

 52B4B0

 004D4B

 6FD0CC

 003635

 8BEDE8

 00221F

 A8FFFF

 000007

 C5FFFF

 000000

 E3FFFF

 007F7C

 0D7F7C

 197F7D

 267F7D

 337F7D

 407F7E

 4C7F7E

 597F7E

 667F7E

 727F7F

# Harmonies

## Analogous

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



397E62



007F7C



007D94

# Triad

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



007F7C



826797



8E6B40

# Complementary

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



007F7C



7F0003

# 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.



9E6250



007F7C



9A5F81

# Square

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



007F7C



5E70A3



A35D67



77733E

# Rectangle

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



007F7C



167A9E



A35D67



956844



# Sweetspot

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



007F7C



74A6A5



047F00



365453



D4D4D4



545454



# Same Dimension

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



007F7C



00A6A2



00447F



394040



00807C



000000



# Inverse Universe

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



7F0003



A60004



7F3B00



40393A



800003



000000



# Previews

## White Background



This preview shows how the Hex color 007F7C looks on a white background.

## Color Contrast Check

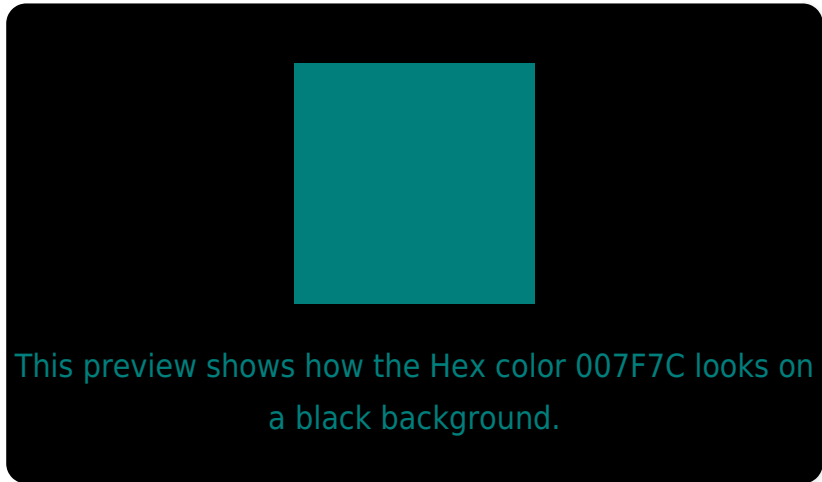
Large Text (above 18pt) WCAG AA ✓ Pass

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

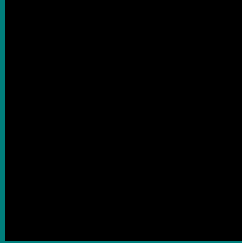
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 007F7C Background



This preview shows how black text looks on a background with the Hex color 007F7C.

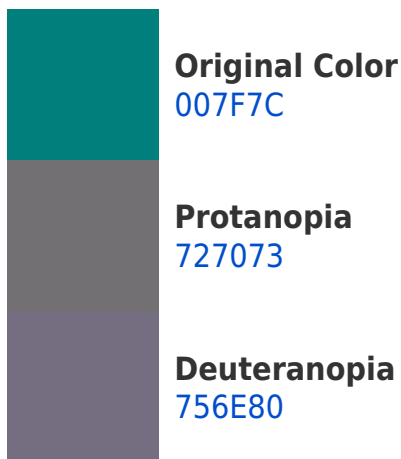


This preview shows how white text looks on a background with the Hex color 007F7C.

# 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**  
1A7D87

# Trichromacy



**Original Color**  
007F7C



**Protanomaly**  
497576



**Deuteranomaly**  
4A747F



**Tritanomaly**  
117E83

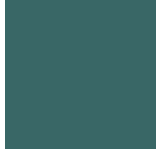
# Monochromacy



**Original Color**  
007F7C



**Achromatopsia**  
595959



**Achromatomaly**  
396766

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 007F7C 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 #007F7C looks like.

```
.text, #text, p{  
    color:#007F7C  
}
```

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 #007F7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007F7C
}
```

## Border

The CSS property to change the border of an element to Hex 007F7C 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
#007F7C }
```

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

```
.border{ border-color:#007F7C }
```

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

Here you see how a box with a 4 pixel #007F7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007F7C; -webkit-box-shadow:4px 4px  
4px 4px #007F7C; box-shadow:4px 4px 4px  
4px #007F7C }
```

# Background

The CSS property to change the background color of an element to Hex 007F7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007F7C }
```

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

```
.background{ background-color:#007F7C }
```

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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