

# Converting Colors

Hex(067C80)

Have a look what the booklet for  
Hex(067C80) contains.

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# Color

Hex(067C80)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	067C80
RGB	6, 124, 128
RGB Percent	2%, 49%, 50%
CMY	0.9765, 0.5137, 0.4980
CMYK	0.95, 0.03, 0.00, 0.50
HSL	182°, 91%, 26%
HSV	182°, 95%, 50%
XYZ	11.1790, 16.0125, 22.9236
YIQ	89.1740, -71.6120, -23.7720

# Conversions

## Conversions Part 2

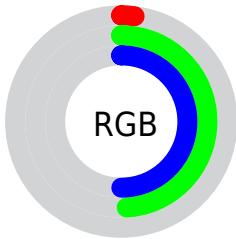
<b>Format</b>	<b>Color</b>
<b>RYB</b>	6, 66, 128
Decimal	425088
CIELab	46.99, -26.54, -10.37
CIELCh	47, 28.491, 201.353
Yxy	16.0125, 0.2231, 0.3195
Android (android.graphics.Color)	4278615168 (0xFF067C80)
YUV	89.1740, 19.1412, -72.9436
Hunter-Lab	40.0157, -20.1605, -5.9542

# Details

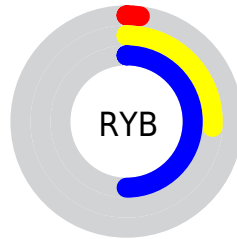
The Hex color **067C80** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **800A06**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **53B1B5**, and **004A4F** is the 20% darker color. If you saturate the color by 10%, you get **007C80**, and if you desaturate by 10%, it is **137C80**.

# Distribution



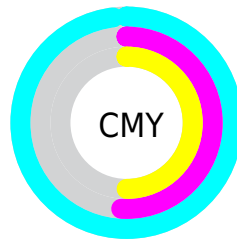
- Red (2%)
- Green (49%)
- Blue (50%)



- Red (2%)
- Yellow (26%)
- Blue (50%)



- Cyan (95%)
- Magenta (3%)
- Yellow (0%)
- Black (50%)



- Cyan (98%)
- Magenta (51%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 067C80 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 067C80 by changing the saturation by 10% instead.



 067C80

 067C80

FFFFFF

 006367

 53B1B5

 004A4F

 70CDD0

 003338

 8DE9ED

 002023

 A9FFFF

 00000C

 C7FFFF

 000000

 E4FFFF

 067C80

 067C80

 007C80

 137C80

■ 207D80

■ 2C7D80

■ 397E80

■ 467E80

■ 537F80

■ 607F80

■ 6C7F80

■ 798080

# Harmonies

## Analogous

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



327C67



067C80



0E7994

# Triad

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



067C80



87638E



856C40

# Complementary

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



067C80



800A06

# 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.



96634B



067C80



995D77

# Square

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



067C80



686C9C



9E5D5F



6E7342

# Rectangle

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



067C80



30769C



9E5D5F



8C6942



# Sweetspot

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



067C80



76A4A6



068008



375354



D4D4D4



545454



# Same Dimension

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



067C80



00A0A6



064180



394040



007B80



000000



# Inverse Universe

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



80067C



A600A0



804506



403940



80007B



000000



# Previews

## White Background



This preview shows how the Hex color 067C80 looks on a white background.

## Color Contrast Check

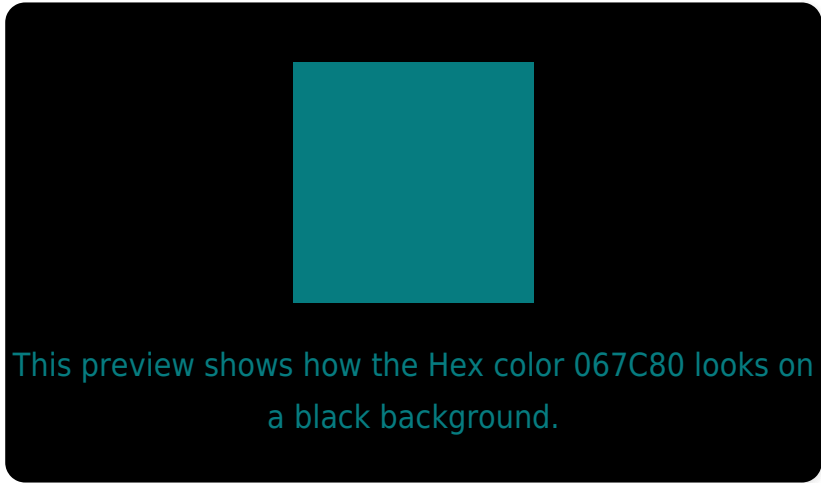
Large Text (above 18pt) WCAG AA ✓ Pass

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

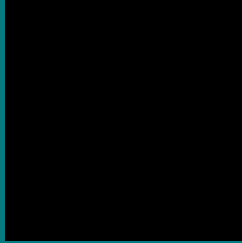
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 067C80 Background



This preview shows how black text looks on a background with the Hex color 067C80.

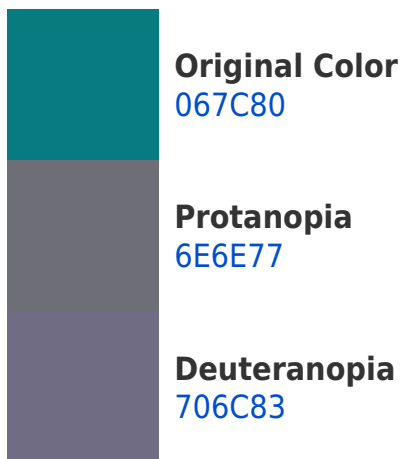


This preview shows how white text looks on a background with the Hex color 067C80.

# 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**  
137B85

# Trichromacy



**Original Color**  
067C80

**Protanomaly**  
48737A

**Deuteranomaly**  
497282

**Tritanomaly**  
0E7B83

# Monochromacy



**Original Color**  
067C80

**Achromatopsia**  
595959

**Achromatomaly**  
3B6667

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 067C80 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 #067C80 looks like.

```
.text, #text, p{  
    color:#067C80  
}
```

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 #067C80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #067C80
}
```

## Border

The CSS property to change the border of an element to Hex 067C80 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
#067C80 }
```

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

```
.border{ border-color:#067C80 }
```

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

Here you see how a box with a 4 pixel #067C80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #067C80; -webkit-box-shadow:4px 4px  
4px 4px #067C80; box-shadow:4px 4px 4px  
4px #067C80 }
```

# Background

The CSS property to change the background color of an element to Hex 067C80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#067C80 }
```

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

```
.background{ background-color:#067C80 }
```

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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