

Converting Colors

Hex(067C7C)

Have a look what the booklet for
Hex(067C7C) contains.

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Color

Hex(067C7C)

Conversions

Conversions Part 1

Format	Color
Hex	067C7C
RGB	6, 124, 124
RGB Percent	2%, 49%, 49%
CMY	0.9765, 0.5137, 0.5137
CMYK	0.95, 0.00, 0.00, 0.51
HSL	180°, 91%, 25%
HSV	180°, 95%, 49%
XYZ	10.9208, 15.9093, 21.5640
YIQ	88.7180, -70.3280, -25.0160

Conversions

Conversions Part 2

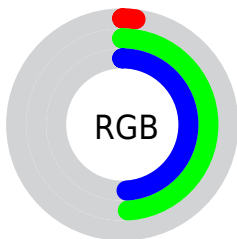
Format	Color
RYB	6, 65, 124
Decimal	425084
CIELab	46.86, -27.85, -8.21
CIELCh	47, 29.036, 196.420
Yxy	15.9093, 0.2257, 0.3287
Android (android.graphics.Color)	4278615164 (0xFF067C7C)
YUV	88.7180, 17.3940, -72.5437
Hunter-Lab	39.8864, -20.9282, -4.1338

Details

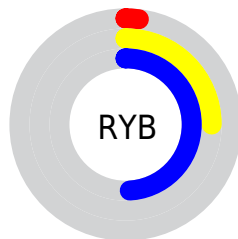
The Hex color **067C7C** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7C0606**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **53B1B0**, and **004A4B** is the 20% darker color. If you saturate the color by 10%, you get **007C7C**, and if you desaturate by 10%, it is **127C7C**.

Distribution



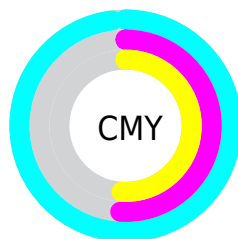
- Red (2%)
- Green (49%)
- Blue (49%)



- Red (2%)
- Yellow (25%)
- Blue (49%)



- Cyan (95%)
- Magenta (0%)
- Yellow (0%)
- Black (51%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 067C7C 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 067C7C by changing the saturation by 10% instead.

 067C7C

 067C7C

FFFFFF

 006363

 53B1B0

 004A4B

 6FCDCC

 003335

 8CE9E8

 00201F

 A9FFFF

 000007

 C6FFFF

 000000

 E3FFFF

 067C7C

 067C7C

 007C7C

 127C7C

■ 1F7C7C

■ 2B7C7C

■ 387C7C

■ 447C7C

■ 507C7C

■ 5D7C7C

■ 697C7C

■ 767C7C

Harmonies

Analogous

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



367B63



067C7C



007A92

Triad

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



067C7C



826491



896A40

Complementary

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



067C7C



7C0606

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.



99614D



067C7C



975D7B

Square

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



067C7C



616D9E



9F5C62



72723F

Rectangle

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



067C7C



25779B



9F5C62



8F6743

Sweetspot

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



067C7C



72A1A1



067C06



355252



D1D1D1



525252

Same Dimension

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



067C7C



00A1A1



06417C



373D3D



007D7D



00FCFC

Inverse Universe

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



7C067C



A100A1



7C4106



3D373D



7D007D



FC00FC

Previews

White Background



This preview shows how the Hex color 067C7C looks on a white background.

Color Contrast Check

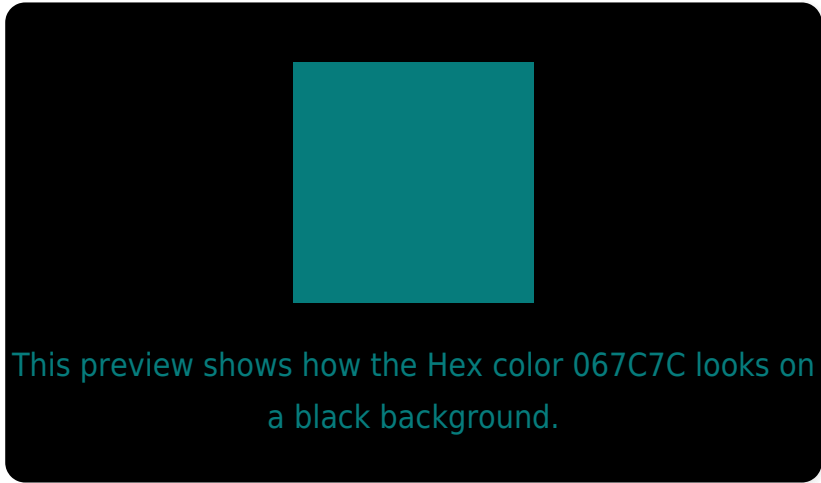
Large Text (above 18pt) WCAG AA ✓ Pass

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

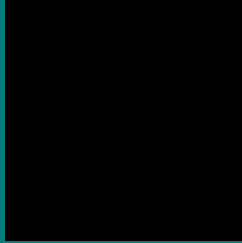
Any Text WCAG AA × Fail

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 067C7C Background



This preview shows how black text looks on a background with the Hex color 067C7C.

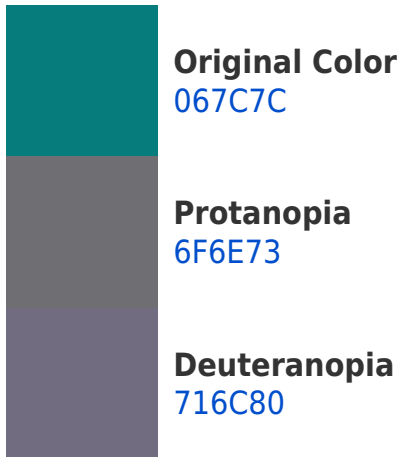


This preview shows how white text looks on a background with the Hex color 067C7C.

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
177B85

Trichromacy



Original Color
067C7C



Protanomaly
497376



Deuteranomaly
4A727F



Tritanomaly
117B82

Monochromacy



Original Color
067C7C



Achromatopsia
595959



Achromatomaly
3B6666

CSS Examples

Text

The CSS property to change the color of the text to Hex 067C7C 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 #067C7C looks like.

```
.text, #text, p{  
    color:#067C7C  
}
```

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 #067C7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #067C7C  
}
```

Border

The CSS property to change the border of an element to Hex 067C7C 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  
#067C7C }
```

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

```
.border{ border-color:#067C7C }
```

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

Here you see how a box with a 4 pixel #067C7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #067C7C; -webkit-box-shadow:4px 4px  
4px 4px #067C7C; box-shadow:4px 4px 4px  
4px #067C7C }
```

Background

The CSS property to change the background color of an element to Hex 067C7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#067C7C }
```

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

```
.background{ background-color:#067C7C }
```

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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