

Converting Colors

Hex(067F7F)

Have a look what the booklet for
Hex(067F7F) contains.

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Color

Hex(067F7F)

Conversions

Conversions Part 1

Format	Color
Hex	067F7F
RGB	6, 127, 127
RGB Percent	2%, 50%, 50%
CMY	0.9765, 0.5020, 0.5020
CMYK	0.95, 0.00, 0.00, 0.50
HSL	180°, 91%, 26%
HSV	180°, 95%, 50%
XYZ	11.4952, 16.7498, 22.7058
YIQ	90.8210, -72.1160, -25.6520

Conversions

Conversions Part 2

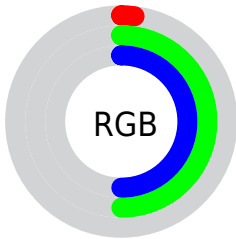
Format	Color
RYB	6, 67, 127
Decimal	425855
CIELab	47.94, -28.35, -8.35
CIELCh	48, 29.557, 196.419
Yxy	16.7498, 0.2256, 0.3287
Android (android.graphics.Color)	4278615935 (0xFF067F7F)
YUV	90.8210, 17.8362, -74.3880
Hunter-Lab	40.9265, -21.4851, -4.2453

Details

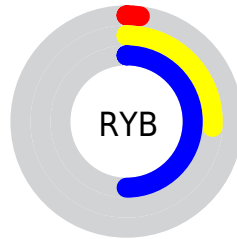
The Hex color **067F7F** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **7F0606**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **54B4B4**, and **004D4E** is the 20% darker color. If you saturate the color by 10%, you get **007F7F**, and if you desaturate by 10%, it is **137F7F**.

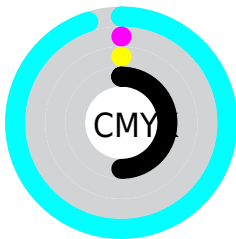
Distribution



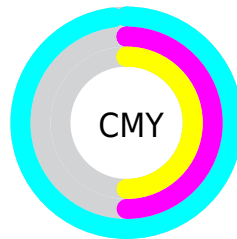
- Red (2%)
- Green (50%)
- Blue (50%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 067F7F 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 067F7F by changing the saturation by 10% instead.

067F7F

067F7F

FFFFFF

006666

54B4B4

004D4E

71D0CF

003637

8DECEB

002222

AAFFFF

00000C

C7FFFF

000000

E5FFFF

067F7F

067F7F

007F7F

137F7F

■ 1F7F7F

■ 2C7F7F

■ 397F7F

■ 467F7F

■ 527F7F

■ 5F7F7F

■ 6C7F7F

■ 787F7F

Harmonies

Analogous

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



377E65



067F7F



007D95

Triad

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



067F7F



866694



8C6C41

Complementary

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



067F7F



7F0606

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.



9C644F



067F7F



9B5F7E

Square

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



067F7F



6470A1



A25F65



747541

Rectangle

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



067F7F



267A9F



A25F65



926944

Sweetspot

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



067F7F



76A6A6



067F06



375454



D4D4D4



545454

Same Dimension

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



067F7F



00A6A6



06427F



394040



008080



000000

Inverse Universe

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



7F067F



A600A6



7F4206



403940



800080



000000

Previews

White Background



This preview shows how the Hex color 067F7F looks on a white background.

Color Contrast Check

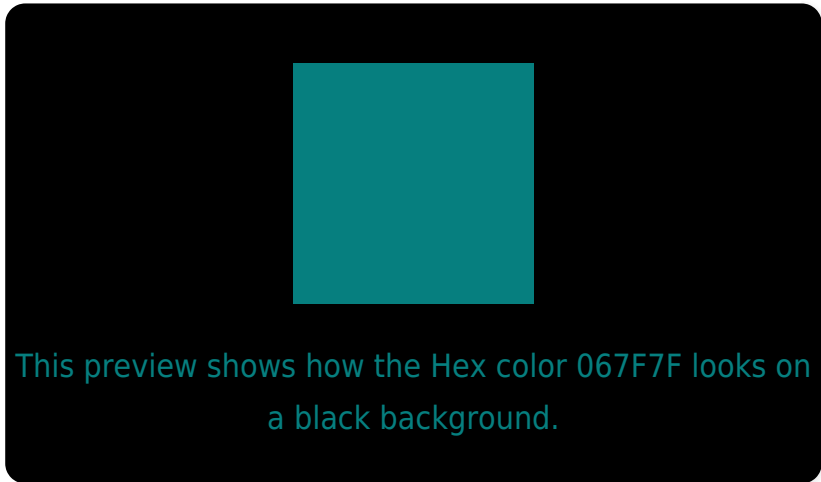
Large Text (above 18pt) WCAG AA ✓ Pass

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

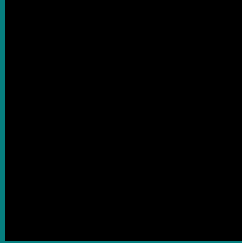
Any Text WCAG AA × Fail

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 067F7F Background



This preview shows how black text looks on a background with the Hex color 067F7F.

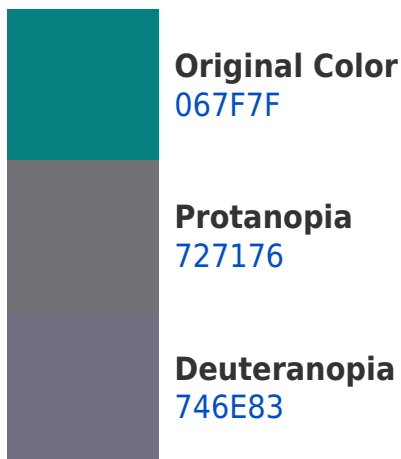


This preview shows how white text looks on a background with the Hex color 067F7F.

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
187E88

Trichromacy



Original Color
067F7F



Protanomaly
4B7679



Deuteranomaly
4C7482



Tritanomaly
117E85

Monochromacy



Original Color
067F7F



Achromatopsia
5B5B5B



Achromatomaly
3C6868

CSS Examples

Text

The CSS property to change the color of the text to Hex 067F7F 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 #067F7F looks like.

```
.text, #text, p{  
    color:#067F7F  
}
```

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 #067F7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #067F7F
}
```

Border

The CSS property to change the border of an element to Hex 067F7F 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
#067F7F }
```

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

```
.border{ border-color:#067F7F }
```

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

Here you see how a box with a 4 pixel #067F7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #067F7F; -webkit-box-shadow:4px 4px  
4px 4px #067F7F; box-shadow:4px 4px 4px  
4px #067F7F }
```

Background

The CSS property to change the background color of an element to Hex 067F7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#067F7F }
```

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

```
.background{ background-color:#067F7F }
```

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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