

# Converting Colors

Hex(077F74)

Have a look what the booklet for  
Hex(077F74) contains.

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# Color

Hex(077F74)

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 077F74                      |
| RGB         | 7, 127, 116                 |
| RGB Percent | 3%, 50%, 45%                |
| CMY         | 0.9725, 0.5020, 0.5451      |
| CMYK        | 0.94, 0.00, 0.09, 0.50      |
| HSL         | 174°, 90%, 26%              |
| HSV         | 174°, 94%, 50%              |
| XYZ         | 10.8294, 16.4849, 19.1341   |
| YIQ         | 89.8660, -67.9890, -28.8610 |

# Conversions

## Conversions Part 2

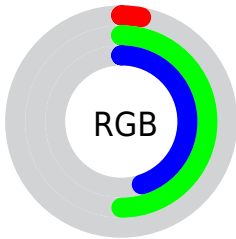
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 7, 70, 127                    |
| Decimal                             | 491380                        |
| CIELab                              | 47.60, -31.76, -2.36          |
| CIELCh                              | 48, 31.848, 184.253           |
| Yxy                                 | 16.4849, 0.2331,<br>0.3549    |
| Android<br>(android.graphics.Color) | 4278681460<br>(0xFF077F74)    |
| YUV                                 | 89.8660, 12.8841,<br>-72.6735 |
| Hunter-Lab                          | 40.6016, -23.4426,<br>0.4797  |

# Details

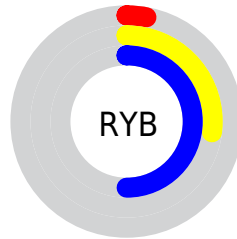
The Hex color **077F74** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **7F0712**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **52B4A8**, and **004D44** is the 20% darker color. If you saturate the color by 10%, you get **007F73**, and if you desaturate by 10%, it is **147F75**.

# Distribution



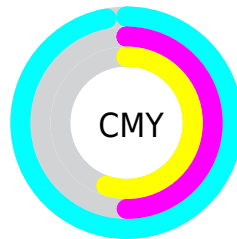
- Red (3%)
- Green (50%)
- Blue (45%)



- Red (3%)
- Yellow (27%)
- Blue (50%)



- Cyan (94%)
- Magenta (0%)
- Yellow (9%)
- Black (50%)



- Cyan (97%)
- Magenta (50%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 077F74 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 077F74 by changing the saturation by 10% instead.



 077F74

 077F74

FFFFFF

 00665B

 52B4A8

 004D44

 6FD0C3

 00352E

 8CEDDF

 002219

 A8FFFC

 000000

 C5FFFF

 E3FFFF

 077F74

 077F74

 007F73

 147F75

 207F76

 2D7F77

 3A7F79

 467F7A

 537F7B

 607F7C

 6D7F7D

 797F7E

# Harmonies

## Analogous

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



407D59



077F74



007E8E

# Triad

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



077F74



79699D



956741

# Complementary

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



077F74



7F0712

# 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.



A25F54



077F74



965F89

# Square

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



077F74



4E72A6



A35B6E



7E713A

# Rectangle

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



077F74



007C9C



A35B6E



9A6446



# Sweetspot

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



077F74



77A6A1



137F07



385452



D4D4D4



545454



# Same Dimension

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



077F74



00A697



074F7F



39403F



008074



000000



# Inverse Universe

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



7F0712



A6000F



7F3707



40393A



80000C



000000



# Previews

## White Background



This preview shows how the Hex color 077F74 looks on a white background.

## Color Contrast Check

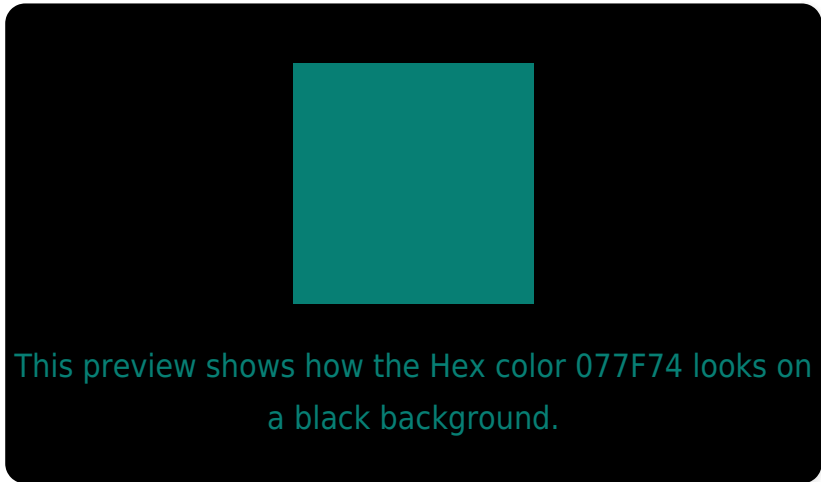
Large Text (above 18pt) WCAG AA ✓ Pass

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 077F74 Background



This preview shows how black text looks on a background with the Hex color 077F74.

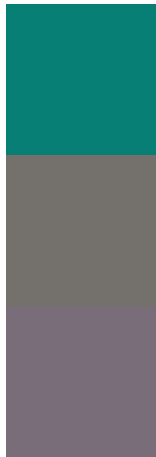


This preview shows how white text looks on a background with the Hex color 077F74.

# 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**  
077F74

**Protanopia**  
74706B

**Deuteranopia**  
786D78



**Tritanopia**  
207C86

# Trichromacy



**Original Color**  
077F74

**Protanomaly**  
4C756E

**Deuteranomaly**  
4F7477

**Tritanomaly**  
177D7F

# Monochromacy



**Original Color**  
077F74

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
3C6763

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 077F74 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 #077F74 looks like.

```
.text, #text, p{  
    color:#077F74  
}
```

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 #077F74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #077F74
}
```

## Border

The CSS property to change the border of an element to Hex 077F74 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
#077F74 }
```

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

```
.border{ border-color:#077F74 }
```

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

Here you see how a box with a 4 pixel #077F74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #077F74; -webkit-box-shadow:4px 4px  
4px 4px #077F74; box-shadow:4px 4px 4px  
4px #077F74 }
```

# Background

The CSS property to change the background color of an element to Hex 077F74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#077F74 }
```

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

```
.background{ background-color:#077F74 }
```

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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