

# Converting Colors

Hex(077C69)

Have a look what the booklet for  
Hex(077C69) contains.

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# Color

Hex(077C69)

# Conversions

## Conversions Part 1

Format	Color
Hex	077C69
RGB	7, 124, 105
RGB Percent	3%, 49%, 41%
CMY	0.9725, 0.5137, 0.5882
CMYK	0.94, 0.00, 0.15, 0.51
HSL	170°, 89%, 26%
HSV	170°, 94%, 49%
XYZ	9.8451, 15.4804, 15.8337
YIQ	86.8510, -63.6330, -30.7130

# Conversions

## Conversions Part 2

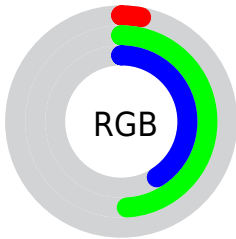
<b>Format</b>	<b>Color</b>
<b>RYB</b>	7, 71, 124
Decimal	490601
CIELab	46.29, -33.65, 2.22
CIELCh	46, 33.726, 176.234
Yxy	15.4804, 0.2392, 0.3761
Android (android.graphics.Color)	4278680681 (0xFF077C69)
YUV	86.8510, 8.9475, -70.0293
Hunter-Lab	39.3451, -24.1891, 3.6814

# Details

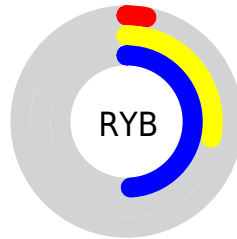
The Hex color **077C69** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7C071A**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **51B19C**, and **004A3A** is the 20% darker color. If you saturate the color by 10%, you get **007C68**, and if you desaturate by 10%, it is **137C6B**.

# Distribution



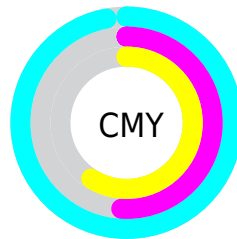
- Red (3%)
- Green (49%)
- Blue (41%)



- Red (3%)
- Yellow (28%)
- Blue (49%)



- Cyan (94%)
- Magenta (0%)
- Yellow (15%)
- Black (51%)



- Cyan (97%)
- Magenta (51%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 077C69 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 077C69 by changing the saturation by 10% instead.



 077C69

 077C69

FFFFFF

 006351

 51B19C

 004A3A

 6DCDB7

 003324

 89E9D3

 001E0F

 A6FFE9

 000000

 C3FFFF

 E0FFFF

 FEFFFF

 077C69

 077C69

■ 007C68

■ 137C6B

■ 207C6D

■ 2C7C6F

■ 397C71

■ 457C73

■ 517C75

■ 5E7C77

■ 6A7C79

■ 777C7B

# Harmonies

## Analogous

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



44794D



077C69



007C86

# Triad

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



077C69



6B68A0



98613F

# Complementary

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



077C69



7C071A

# 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.



A35856



077C69



8D5D8D

# Square

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



077C69



3672A6



A05772



826B34

# Rectangle

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



077C69



007A96



A05772



9D5D46



# Sweetspot

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



077C69



74A199



1A7C07



36524D



D1D1D1



525252



# Same Dimension

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



077C69



00A187



07557C



373D3C



007D69



00FCD3



# Inverse Universe

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



7C071A



A1001A



7C2E07



3D3738



7D0014



FC0029



# Previews

## White Background



This preview shows how the Hex color 077C69 looks on a white background.

## Color Contrast Check

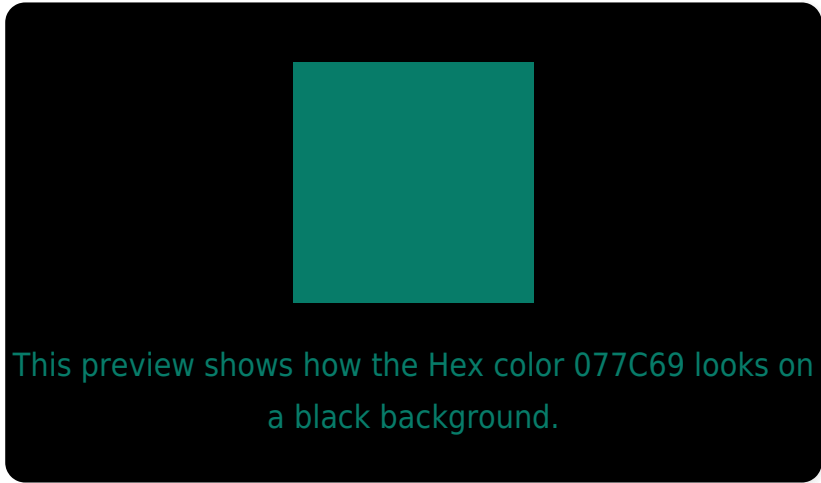
Large Text (above 18pt) WCAG AA ✓ Pass

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

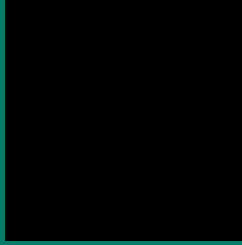
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 077C69 Background



This preview shows how black text looks on a background with the Hex color 077C69.

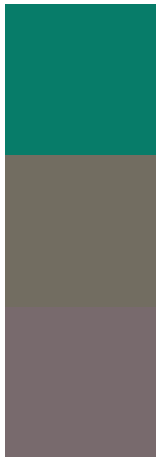


This preview shows how white text looks on a background with the Hex color 077C69.

# 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**  
077C69

**Protanopia**  
726D61

**Deuteranopia**  
786A6D



# Trichromacy



**Original Color**  
077C69



**Protanomaly**  
4B7264



**Deuteranomaly**  
4F716C

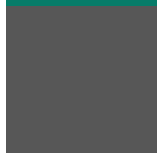


**Tritanomaly**  
197979

# Monochromacy



**Original Color**  
077C69



**Achromatopsia**  
575757



**Achromatomaly**  
3A645E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 077C69 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 #077C69 looks like.

```
.text, #text, p{  
    color:#077C69  
}
```

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 #077C69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #077C69
}
```

## Border

The CSS property to change the border of an element to Hex 077C69 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
#077C69 }
```

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

```
.border{ border-color:#077C69 }
```

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

Here you see how a box with a 4 pixel #077C69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #077C69; -webkit-box-shadow:4px 4px  
4px 4px #077C69; box-shadow:4px 4px 4px  
4px #077C69 }
```

# Background

The CSS property to change the background color of an element to Hex 077C69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#077C69 }
```

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

```
.background{ background-color:#077C69 }
```

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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