

# Converting Colors

Hex(077CA7)

Have a look what the booklet for  
Hex(077CA7) contains.

<b>Hex(077CA7)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(077CA7)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	077CA7
RGB	7, 124, 167
RGB Percent	3%, 49%, 65%
CMY	0.9725, 0.5137, 0.3451
CMYK	0.96, 0.26, 0.00, 0.35
HSL	196°, 92%, 34%
HSV	196°, 96%, 65%
XYZ	14.2703, 17.2505, 39.1368
YIQ	93.9190, -83.5350, -11.4310

# Conversions

## Conversions Part 2

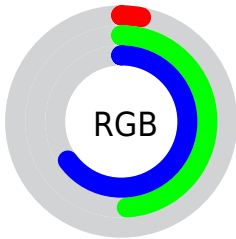
<b>Format</b>	<b>Color</b>
<b>RYB</b>	7, 75, 167
Decimal	490663
CIELab	48.57, -12.59, -30.87
CIELCh	49, 33.336, 247.811
Yxy	17.2505, 0.2020, 0.2441
Android (android.graphics.Color)	4278680743 (0xFF077CA7)
YUV	93.9190, 36.0289, -76.2280
Hunter-Lab	41.5337, -11.3542, -26.7947

# Details

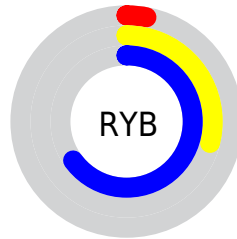
The Hex color **077CA7** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **A73207**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **5BB1DE**, and **004B73** is the 20% darker color. If you saturate the color by 10%, you get **007AA7**, and if you desaturate by 10%, it is **1880A7**.

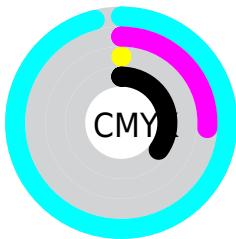
# Distribution



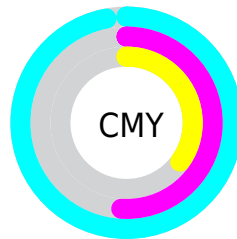
- Red (3%)
- Green (49%)
- Blue (65%)



- Red (3%)
- Yellow (29%)
- Blue (65%)



- Cyan (96%)
- Magenta (26%)
- Yellow (0%)
- Black (35%)



- Cyan (97%)
- Magenta (51%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 077CA7 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 077CA7 by changing the saturation by 10% instead.



077CA7

077CA7

FFFFFF

00638C

5BB1DE

004B73

79CCFB

00355A

97E8FF

002042

B4FFFF

00032C

D2FFFF

000116

F0FFFF

000000

077CA7

077CA7

007AA7

1880A7

■ 2885A7

■ 3989A7

■ 4A8EA7

■ 5A92A7

■ 6B97A7

■ 7C9BA7

■ 8DA0A7

■ 9DA4A7

# Harmonies

## Analogous

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



008195



077CA7



5474AB

# Triad

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



077CA7



A95C6D



607C46

# Complementary

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



077CA7



A73207

# 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.



7E743A



077CA7



A66152

# Square

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



077CA7



9C6089



966A3F



3A805D

# Rectangle

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



077CA7



736DA5



966A3F



6A7A40



# Sweetspot

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



077CA7



9AC8D9



07A732



47636E



EDEDED



6E6E6E



# Same Dimension

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



077CA7



009ED9



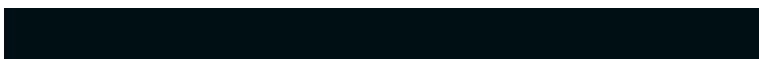
072CA7



4C5254



006C94



000F14



# Inverse Universe

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



A7077C



D9009E



A78207



544C52



94006C



14000F



# Previews

## White Background



This preview shows how the Hex color 077CA7 looks on a white background.

## Color Contrast Check

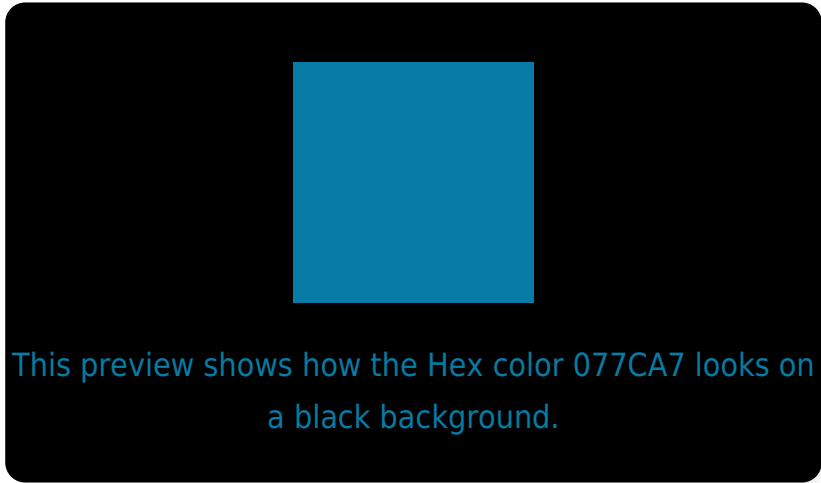
Large Text (above 18pt) WCAG AA ✓ Pass

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

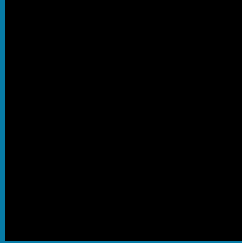
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 077CA7 Background



This preview shows how black text looks on a background with the Hex color 077CA7.

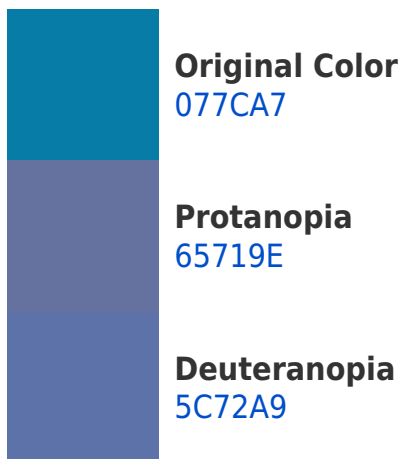


This preview shows how white text looks on a background with the Hex color 077CA7.

# 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**  
008089

# Trichromacy



**Original Color**  
077CA7

**Protanomaly**  
4375A1

**Deuteranomaly**  
3D76A8

**Tritanomaly**  
037F94

# Monochromacy



**Original Color**  
077CA7

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
3E6979

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 077CA7 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 #077CA7 looks like.

```
.text, #text, p{  
  color:#077CA7  
}
```

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 #077CA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #077CA7
}
```

## Border

The CSS property to change the border of an element to Hex 077CA7 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
#077CA7 }
```

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

```
.border{ border-color:#077CA7 }
```

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

Here you see how a box with a 4 pixel #077CA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #077CA7; -webkit-box-shadow:4px 4px  
4px 4px #077CA7; box-shadow:4px 4px 4px  
4px #077CA7 }
```

# Background

The CSS property to change the background color of an element to Hex 077CA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#077CA7 }
```

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

```
.background{ background-color:#077CA7 }
```

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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