

Converting Colors

Hex(077B7E)

Have a look what the booklet for
Hex(077B7E) contains.

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Color

Hex(077B7E)

Conversions

Conversions Part 1

Format	Color
Hex	077B7E
RGB	7, 123, 126
RGB Percent	3%, 48%, 49%
CMY	0.9725, 0.5176, 0.5059
CMYK	0.94, 0.02, 0.00, 0.51
HSL	182°, 89%, 26%
HSV	182°, 94%, 49%
XYZ	10.9365, 15.7174, 22.1960
YIQ	88.6580, -70.0990, -23.6590

Conversions

Conversions Part 2

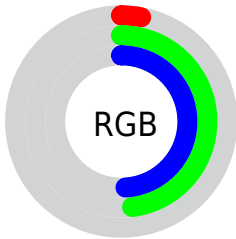
Format	Color
RYB	7, 66, 126
Decimal	490366
CIELab	46.60, -26.64, -9.77
CIELCh	47, 28.378, 200.144
Yxy	15.7174, 0.2239, 0.3217
Android (android.graphics.Color)	4278680446 (0xFF077B7E)
YUV	88.6580, 18.4096, -71.6141
Hunter-Lab	39.6452, -20.1384, -5.4428

Details

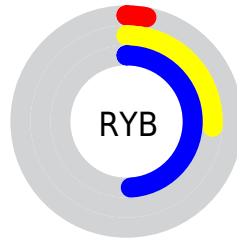
The Hex color **077B7E** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7E0A07**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **53B0B3**, and **004A4D** is the 20% darker color. If you saturate the color by 10%, you get **007B7E**, and if you desaturate by 10%, it is **147B7E**.

Distribution



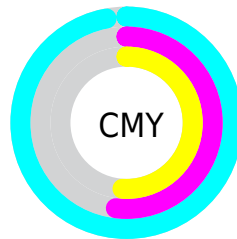
- Red (3%)
- Green (48%)
- Blue (49%)



- Red (3%)
- Yellow (26%)
- Blue (49%)



- Cyan (94%)
- Magenta (2%)
- Yellow (0%)
- Black (51%)



- Cyan (97%)
- Magenta (52%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 077B7E 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 077B7E by changing the saturation by 10% instead.

 077B7E

 077B7E

FFFFFF

 006265

 53B0B3

 004A4D

 70CCCE

 003236

 8CE8EA

 001F21

 A9FFFF

 00000A

 C6FFFF

 000000

 E3FFFF

 077B7E

 077B7E

 007B7E

 147B7E

■ 207C7E

■ 2D7C7E

■ 397C7E

■ 467D7E

■ 537D7E

■ 5F7D7E

■ 6C7E7E

■ 787E7E

Harmonies

Analogous

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



337B65



077B7E



0A7992

Triad

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



077B7E



85638D



856A3F

Complementary

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



077B7E



7E0A07

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.



96624B



077B7E



985D77

Square

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



077B7E



666B9B



9D5C5F



6E7241

Rectangle

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



077B7E



2E759B



9D5C5F



8B6842

Sweetspot

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



077B7E



76A2A3



077E09



365152



D1D1D1



525252

Same Dimension

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



077B7E



009FA3



07417E



394040



007C80



000000

Inverse Universe

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



7E077B



A3009F



7E4407



403940



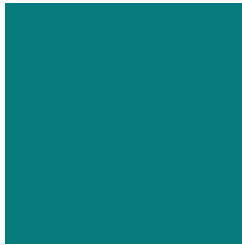
80007C



000000

Previews

White Background



This preview shows how the Hex color 077B7E 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



This preview shows how the Hex color 077B7E looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

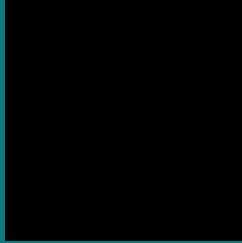
Any Text WCAG AA × Fail

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 077B7E Background



This preview shows how black text looks on a background with the Hex color 077B7E.



This preview shows how white text looks on a background with the Hex color 077B7E.

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
077B7E

Protanopia
6E6D75

Deuteranopia
6F6B81



Tritanopia
147A84

Trichromacy



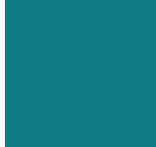
Original Color
077B7E



Protanomaly
497278



Deuteranomaly
497180



Tritanomaly
0F7A82

Monochromacy



Original Color
077B7E



Achromatopsia
595959



Achromatomaly
3B6566

CSS Examples

Text

The CSS property to change the color of the text to Hex 077B7E 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 #077B7E looks like.

```
.text, #text, p{  
  color:#077B7E  
}
```

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 #077B7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #077B7E
}
```

Border

The CSS property to change the border of an element to Hex 077B7E 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
#077B7E }
```

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

```
.border{ border-color:#077B7E }
```

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

Here you see how a box with a 4 pixel #077B7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #077B7E; -webkit-box-shadow:4px 4px  
4px 4px #077B7E; box-shadow:4px 4px 4px  
4px #077B7E }
```

Background

The CSS property to change the background color of an element to Hex 077B7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#077B7E }
```

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

```
.background{ background-color:#077B7E }
```

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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