

Converting Colors

Hex(00777B)

Have a look what the booklet for
Hex(00777B) contains.

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Color

Hex(00777B)

Conversions

Conversions Part 1

Format	Color
Hex	00777B
RGB	0, 119, 123
RGB Percent	0%, 47%, 48%
CMY	1.0000, 0.5333, 0.5176
CMYK	1.00, 0.03, 0.00, 0.52
HSL	182°, 100%, 24%
HSV	182°, 100%, 48%
XYZ	10.1720, 14.6237, 21.0254
YIQ	83.8750, -72.2080, -23.9840

Conversions

Conversions Part 2

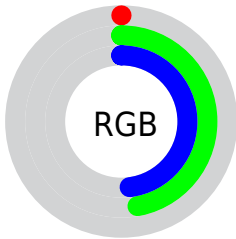
Format	Color
RYB	0, 60, 123
Decimal	30587
CIELab	45.11, -26.04, -10.23
CIELCh	45, 27.974, 201.451
Yxy	14.6237, 0.2220, 0.3191
Android (android.graphics.Color)	4278220667 (0xFF00777B)
YUV	83.8750, 19.2886, -73.5584
Hunter-Lab	38.2410, -19.4412, -5.8298

Details

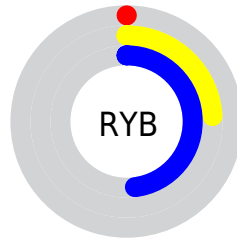
The Hex color **00777B** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7B0400**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **50ACAF**, and **00464A** is the 20% darker color. If you saturate the color by 10%, you get **00777B**, and if you desaturate by 10%, it is **0C777B**.

Distribution



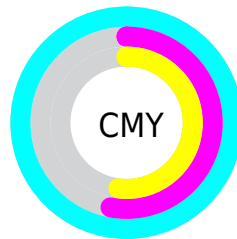
- Red (0%)
- Green (47%)
- Blue (48%)



- Red (0%)
- Yellow (24%)
- Blue (48%)



- Cyan (100%)
- Magenta (3%)
- Yellow (0%)
- Black (52%)



- Cyan (100%)
- Magenta (53%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00777B 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 00777B by changing the saturation by 10% instead.

 00777B

 00777B

FFFFFF

 005E62

 50ACAF

 00464A

 6DC7CB

 002F34

 89E3E7

 001B1F

 A6FFFF

 000004

 C3FFFF

 000000

 E0FFFF

FEFFFF

 00777B

■ 0C777B

■ 19787B

■ 25787B

■ 31797B

■ 3E797B

■ 4A797B

■ 567A7B

■ 627A7B

■ 6F7B7B

Harmonies

Analogous

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



2E7763



00777B



07758F

Triad

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



00777B



825F88



80673C

Complementary

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



00777B



7B0400

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.



915F47



00777B



935972

Square

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



00777B



646796



98595B



696F3E

Rectangle

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



00777B



2D7196



98595B



86643F

Sweetspot

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



00777B



709FA1



007B02



345152



D1D1D1



525252

Same Dimension

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



00777B



009BA1



003B7B



373D3D



00797D



00F4FC

Inverse Universe

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



7B0077



A1009B



7B4000



3D373D



7D0079



FC00F4

Previews

White Background



This preview shows how the Hex color 00777B looks on a white background.

Color Contrast Check

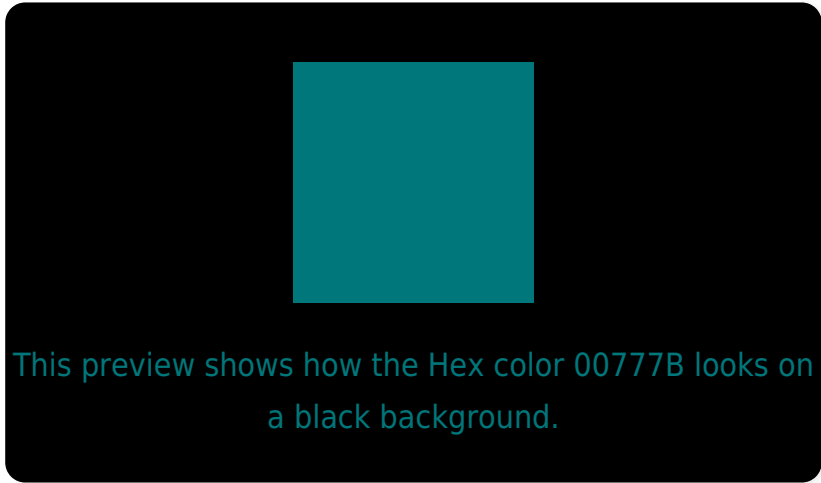
Large Text (above 18pt) WCAG AA ✓ Pass

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

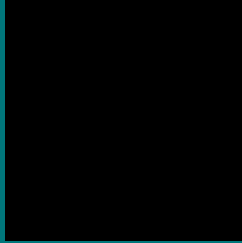
Any Text WCAG AA × Fail

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 00777B Background



This preview shows how black text looks on a background with the Hex color 00777B.

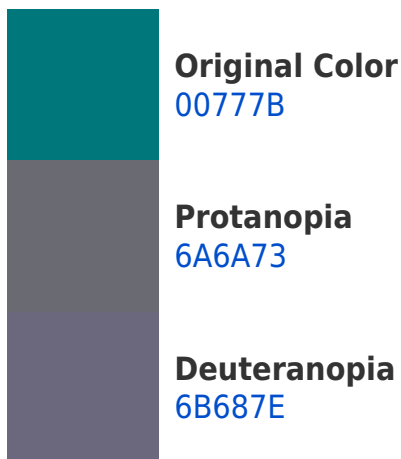


This preview shows how white text looks on a background with the Hex color 00777B.

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



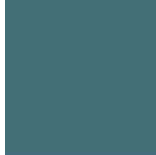


Tritanopia
117680

Trichromacy



Original Color
00777B



Protanomaly
436F76



Deuteranomaly
446D7D



Tritanomaly
0B767E

Monochromacy



Original Color
00777B



Achromatopsia
545454



Achromatomaly
356162

CSS Examples

Text

The CSS property to change the color of the text to Hex 00777B 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 #00777B looks like.

```
.text, #text, p{  
    color:#00777B  
}
```

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 #00777B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00777B
}
```

Border

The CSS property to change the border of an element to Hex 00777B 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
#00777B }
```

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

```
.border{ border-color:#00777B }
```

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

Here you see how a box with a 4 pixel #00777B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00777B; -webkit-box-shadow:4px 4px  
4px 4px #00777B; box-shadow:4px 4px 4px  
4px #00777B }
```

Background

The CSS property to change the background color of an element to Hex 00777B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00777B }
```

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

```
.background{ background-color:#00777B }
```

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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