

Converting Colors

Hex(00777C)

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

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Color

Hex(00777C)

Conversions

Conversions Part 1

Format	Color
Hex	00777C
RGB	0, 119, 124
RGB Percent	0%, 47%, 49%
CMY	1.0000, 0.5333, 0.5137
CMYK	1.00, 0.04, 0.00, 0.51
HSL	182°, 100%, 24%
HSV	182°, 100%, 49%
XYZ	10.2349, 14.6489, 21.3569
YIQ	83.9890, -72.5290, -23.6730

Conversions

Conversions Part 2

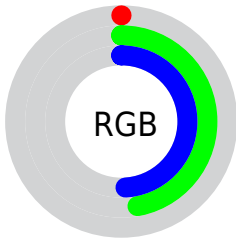
Format	Color
RYB	0, 61, 124
Decimal	30588
CIELab	45.15, -25.70, -10.77
CIELCh	45, 27.866, 202.746
Yxy	14.6489, 0.2213, 0.3168
Android (android.graphics.Color)	4278220668 (0xFF00777C)
YUV	83.9890, 19.7254, -73.6584
Hunter-Lab	38.2739, -19.2461, -6.2922

Details

The Hex color **00777C** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7C0500**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **50ACB0**, and **00464B** is the 20% darker color. If you saturate the color by 10%, you get **00777C**, and if you desaturate by 10%, it is **0C787C**.

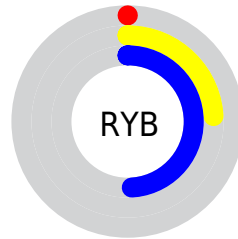
Distribution



Red (0%)

Green (47%)

Blue (49%)



Red (0%)

Yellow (24%)

Blue (49%)

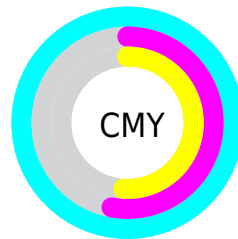


Cyan (100%)

Magenta (4%)

Yellow (0%)

Black (51%)



Cyan (100%)

Magenta (53%)

Yellow (51%)

Brightness & Saturation Gradients

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

 00777C

 00777C


FFFFFF

 005E63

 50ACB0

 00464B

 6DC7CC

 002F35

 89E3E8

 001C1F

 A6FFFF

 000006

 C3FFFF

 000000

 E0FFFF

FEFFFF

 00777C

■ 0C787C

■ 19787C

■ 25797C

■ 32797C

■ 3E7A7C

■ 4A7A7C

■ 577B7C

■ 637B7C

■ 707C7C

Harmonies

Analogous

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



2D7764



00777C



0C748F

Triad

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



00777C



835F87



7F683C

Complementary

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



00777C



7C0500

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.



905F47



00777C



945971

Square

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



00777C



656796



985A5A



686F3F

Rectangle

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



00777C



2F7197



985A5A



86653F

Sweetspot

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



00777C



709FA1



007C04



345052



D1D1D1



525252

Same Dimension

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



00777C



009AA1



003A7C



373D3D



00787D



00F2FC

Inverse Universe

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



7C0077



A1009A



7C4200



3D373D



7D0078



FC00F2

Previews

White Background



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

Color Contrast Check

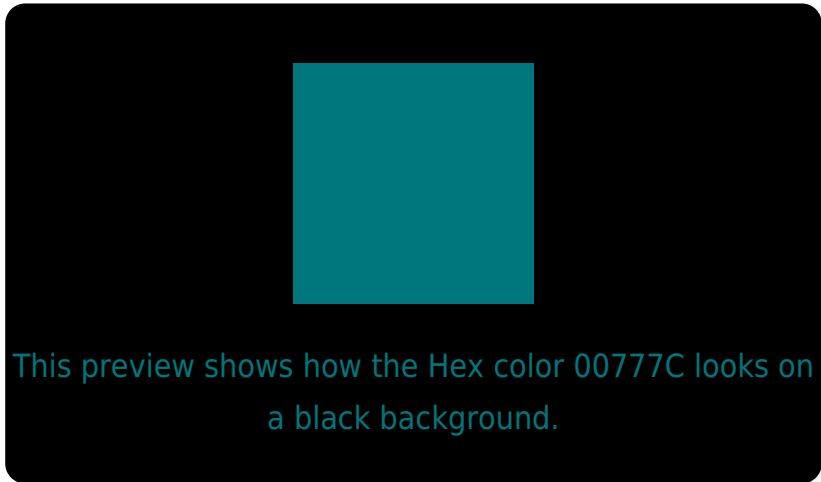
Large Text (above 18pt) WCAG AA ✓ Pass

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

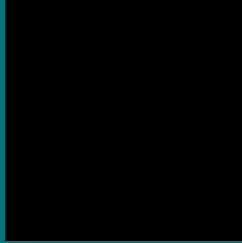
Any Text WCAG AA × Fail

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 00777C Background



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

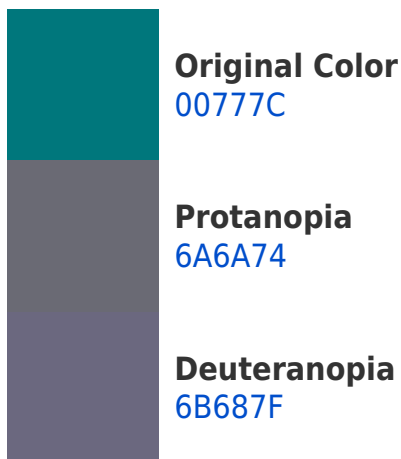


This preview shows how white text looks on a background with the Hex color 00777C.

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](#).

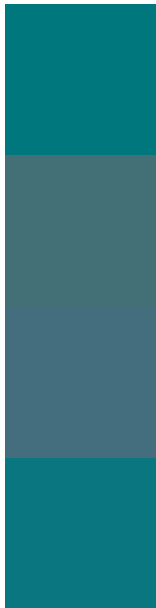
Dichromacy





Tritanopia
107680

Trichromacy



Original Color
00777C

Protanomaly
436F77

Deuteranomaly
446D7E

Tritanomaly
0A767F

Monochromacy



Original Color
00777C

Achromatopsia
545454

Achromatomaly
356163

CSS Examples

Text

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

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

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 #00777C colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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