

Converting Colors

Hex(006F7B)

Have a look what the booklet for
Hex(006F7B) contains.

Hex(006F7B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(006F7B)

Conversions

Conversions Part 1

Format	Color
Hex	006F7B
RGB	0, 111, 123
RGB Percent	0%, 44%, 48%
CMY	1.0000, 0.5647, 0.5176
CMYK	1.00, 0.10, 0.00, 0.52
HSL	186°, 100%, 24%
HSV	186°, 100%, 48%
XYZ	9.2596, 12.7989, 20.7213
YIQ	79.1790, -70.0080, -19.8000

Conversions

Conversions Part 2

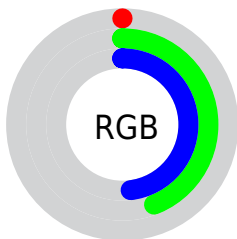
Format	Color
RYB	0, 58, 123
Decimal	28539
CIELab	42.46, -21.91, -14.25
CIELCh	42, 26.136, 213.038
Yxy	12.7989, 0.2164, 0.2992
Android (android.graphics.Color)	4278218619 (0xFF006F7B)
YUV	79.1790, 21.6038, -69.4400
Hunter-Lab	35.7756, -16.4072, -9.2980

Details

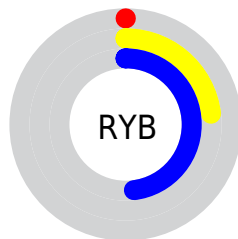
The Hex color **006F7B** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7B0C00**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **4EA3AF**, and **003F4A** is the 20% darker color. If you saturate the color by 10%, you get **006F7B**, and if you desaturate by 10%, it is **0C707B**.

Distribution



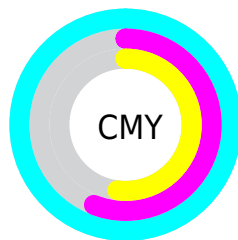
- Red (0%)
- Green (44%)
- Blue (48%)



- Red (0%)
- Yellow (23%)
- Blue (48%)



- Cyan (100%)
- Magenta (10%)
- Yellow (0%)
- Black (52%)



- Cyan (100%)
- Magenta (56%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006F7B 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 006F7B by changing the saturation by 10% instead.

006F7B

006F7B

FFFFFF

005662

4EA3AF

003F4A

6BBECB

002834

87DAE7

00111F

A4F7FF

000003

C1FFFF

000000

DEFFFF

FCFFFF

006F7B

■ 0C707B

■ 19717B

■ 25737B

■ 31747B

■ 3E757B

■ 4A767B

■ 56777B

■ 62797B

■ 6F7A7B

Harmonies

Analogous

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



217066



006F7B



206C8A

Triad

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



006F7B



815778



706439

Complementary

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



006F7B



7B0C00

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.



825C3E



006F7B



8D5363

Square

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



006F7B



6A5E88



8D564E



596A3F

Rectangle

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



006F7B



3C688F



8D564E



776139

Sweetspot

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



006F7B



709CA1



007B0A



344F52



D1D1D1



525252

Same Dimension

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



006F7B



0091A1



00337B



373D3D



00717D



00E4FC

Inverse Universe

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



7B006F



A10091



7B4800



3D373D



7D0071



FC00E4

Previews

White Background



This preview shows how the Hex color 006F7B looks on a white background.

Color Contrast Check

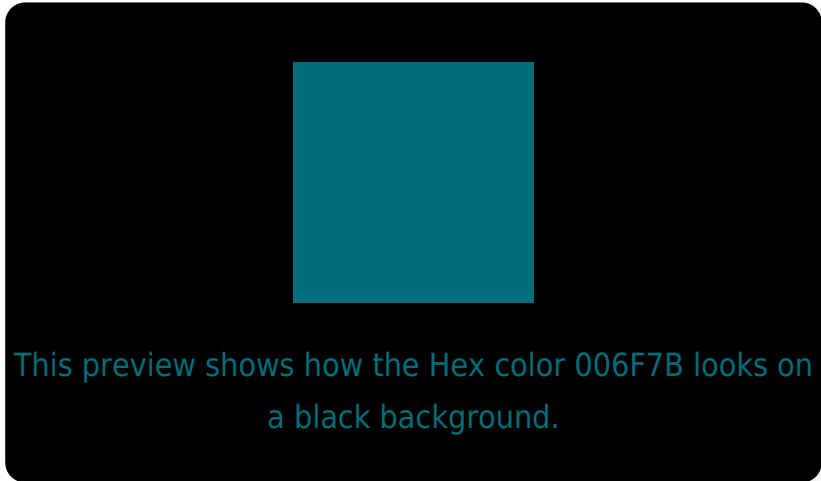
Large Text (above 18pt) WCAG AA ✓ Pass

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

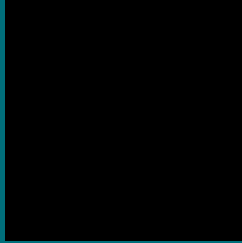
Any Text WCAG AA × Fail

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 006F7B Background



This preview shows how black text looks on a background with the Hex color 006F7B.

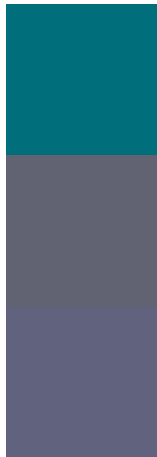


This preview shows how white text looks on a background with the Hex color 006F7B.

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
006F7B

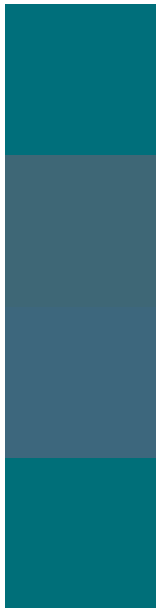
Protanopia
616373

Deuteranopia
60627E



Tritanopia
006F78

Trichromacy



Original Color
006F7B

Protanomaly
3E6776

Deuteranomaly
3D677D

Tritanomaly
006F79

Monochromacy



Original Color
006F7B

Achromatopsia
4F4F4F

Achromatomaly
325B5F

CSS Examples

Text

The CSS property to change the color of the text to Hex 006F7B 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 #006F7B looks like.

```
.text, #text, p{  
    color:#006F7B  
}
```

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 #006F7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006F7B
}
```

Border

The CSS property to change the border of an element to Hex 006F7B 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
#006F7B }
```

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

```
.border{ border-color:#006F7B }
```

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

Here you see how a box with a 4 pixel #006F7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006F7B; -webkit-box-shadow:4px 4px  
4px 4px #006F7B; box-shadow:4px 4px 4px  
4px #006F7B }
```

Background

The CSS property to change the background color of an element to Hex 006F7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006F7B }
```

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

```
.background{ background-color:#006F7B }
```

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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