

Converting Colors

Hex(006C7F)

Have a look what the booklet for
Hex(006C7F) contains.

Hex(006C7F)	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(006C7F)

Conversions

Conversions Part 1	
Format	Color
Hex	006C7F
RGB	0, 108, 127
RGB Percent	0%, 42%, 50%
CMY	1.0000, 0.5765, 0.5020
CMYK	1.00, 0.15, 0.00, 0.50
HSL	189°, 100%, 25%
HSV	189°, 100%, 50%
XYZ	9.1933, 12.2574, 21.9601
YIQ	77.8740, -70.4670, -16.9870

Conversions

Conversions Part 2

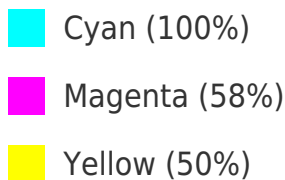
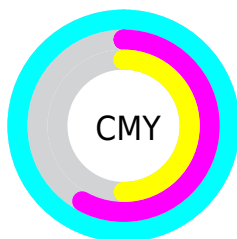
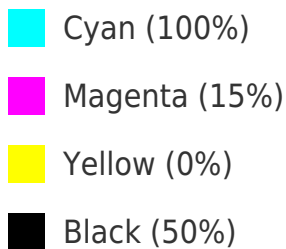
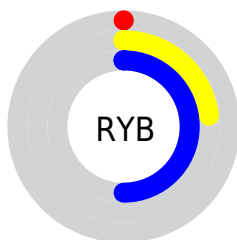
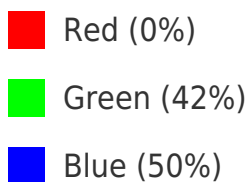
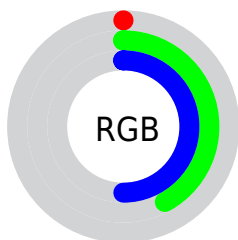
Format	Color
RYB	0, 58, 127
Decimal	27775
CIELab	41.62, -18.86, -17.94
CIELCh	42, 26.026, 223.574
Yxy	12.2574, 0.2118, 0.2824
Android (android.graphics.Color)	4278217855 (0xFF006C7F)
YUV	77.8740, 24.2191, -68.2955
Hunter-Lab	35.0106, -14.3968, -12.6816

Details

The Hex color **006C7F** is a dark color, and the websafe version is hex **006666**, and the color name is [new bridge \(shinbashi-iro\)](#). A complement of this color would be **7F1300**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **4FA0B4**, and **003C4E** is the 20% darker color. If you saturate the color by 10%, you get **006C7F**, and if you desaturate by 10%, it is **0D6E7F**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Hex color 006C7F 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 006C7F by changing the saturation by 10% instead.

 006C7F

 006C7F

FFFFFF

 005466

 4FA0B4

 003C4E

 6BBBCF

 002637

 88D7EC

 000D22

 A4F3FF

 000009

 C1FFFF

 000000

 DEFFFF

 FCFFFF

 006C7F

 0D6E7F

 19707F

 26727F

 33747F

 40767F

 4C777F

 59797F

 667B7F

 727D7F

Harmonies

Analogous

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



116E6B



006C7F



2D688B

Triad

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



006C7F



84536F



676438

Complementary

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



006C7F



7F1300

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.



7A5D39



006C7F



8C5259

Square

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



006C7F



715981



885646



4F6A42

Rectangle

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



006C7F



47638D



885646



6E6237

Sweetspot

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



006C7F



749EA6



007F11



365054



D4D4D4



545454

Same Dimension

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



006C7F



008DA6



002F7F



393F40



006C80



000000

Inverse Universe

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



7F006C



A6008D



7F5000



40393F



80006C



000000

Previews

White Background



This preview shows how the Hex color 006C7F 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 006C7F looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

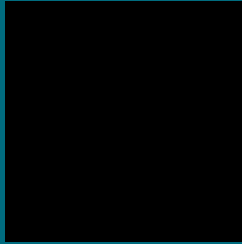
Any Text WCAG AA × Fail

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 006C7F Background



This preview shows how black text looks on a background with the Hex color 006C7F.

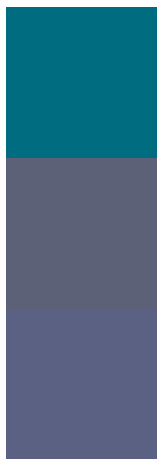


This preview shows how white text looks on a background with the Hex color 006C7F.

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
006C7F


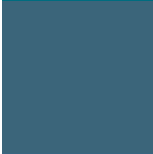


Protanopia
5D6177

Deuteranopia
5A6182






Tritanopia
006D76

Trichromacy

	Original Color 006C7F
	Protanomaly 3B657A
	Deuteranomaly 396581
	Tritanomaly 006D79

Monochromacy

	Original Color 006C7F
	Achromatopsia 4E4E4E
	Achromatomaly 325960

CSS Examples

Text

The CSS property to change the color of the text to Hex 006C7F 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 #006C7F looks like.

```
.text, #text, p{  
    color:#006C7F  
}
```

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 #006C7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006C7F
}
```

Border

The CSS property to change the border of an element to Hex 006C7F 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
#006C7F }
```

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

```
.border{ border-color:#006C7F }
```

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

Here you see how a box with a 4 pixel #006C7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006C7F; -webkit-box-shadow:4px 4px  
4px 4px #006C7F; box-shadow:4px 4px 4px  
4px #006C7F }
```

Background

The CSS property to change the background color of an element to Hex 006C7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006C7F }
```

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

```
.background{ background-color:#006C7F }
```

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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