

Converting Colors

Hex(006C77)

Have a look what the booklet for
Hex(006C77) contains.

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Color

Hex(006C77)

Conversions

Conversions Part 1

Format	Color
Hex	006C77
RGB	0, 108, 119
RGB Percent	0%, 42%, 47%
CMY	1.0000, 0.5765, 0.5333
CMYK	1.00, 0.09, 0.00, 0.53
HSL	186°, 100%, 23%
HSV	186°, 100%, 47%
XYZ	8.6923, 12.0570, 19.3219
YIQ	76.9620, -67.8990, -19.4750

Conversions

Conversions Part 2

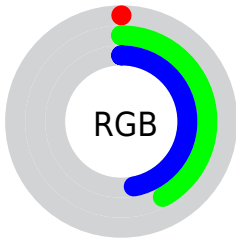
Format	Color
RYB	0, 57, 119
Decimal	27767
CIELab	41.31, -21.74, -13.59
CIELCh	41, 25.637, 211.999
Yxy	12.0570, 0.2169, 0.3009
Android (android.graphics.Color)	4278217847 (0xFF006C77)
YUV	76.9620, 20.7247, -67.4957
Hunter-Lab	34.7232, -16.0814, -8.6859

Details

The Hex color **006C77** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **770B00**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **4DA0AB**, and **003C47** is the 20% darker color. If you saturate the color by 10%, you get **006C77**, and if you desaturate by 10%, it is **0C6D77**.

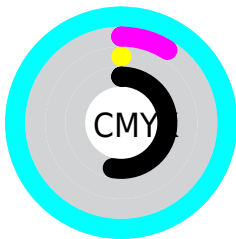
Distribution



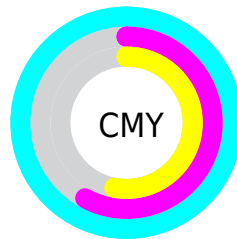
- Red (0%)
- Green (42%)
- Blue (47%)



- Red (0%)
- Yellow (22%)
- Blue (47%)



- Cyan (100%)
- Magenta (9%)
- Yellow (0%)
- Black (53%)



- Cyan (100%)
- Magenta (58%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006C77 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 006C77 by changing the saturation by 10% instead.



006C77



006C77

FFFFFF



00535E



4DA0AB



003C47



6ABBC6



002630



86D7E2



000A1C



A2F3FF



000000



BFFFFFF



DCFFFF



FAFFFF



006C77

■ 0C6D77

■ 186E77

■ 246F77

■ 307077

■ 3B7277

■ 477377

■ 537477

■ 5F7577

■ 6B7677

Harmonies

Analogous

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



206D62



006C77



1E6986

Triad

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



006C77



7D5476



6E6137

Complementary

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



006C77



770B00

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.



7F593D



006C77



895161

Square

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



006C77



665B85



89534C



58673D

Rectangle

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



006C77



38658B



89534C



745E38

Sweetspot

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



006C77



6D979C



00770A



334C4F



CFCFCF



4F4F4F

Same Dimension

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



006C77



008D9C



003277



353A3B



006F7A



00E3FA

Inverse Universe

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



77006C



9C008D



774500



3B353A



7A006F



FA00E3

Previews

White Background



This preview shows how the Hex color 006C77 looks on a white background.

Color Contrast Check

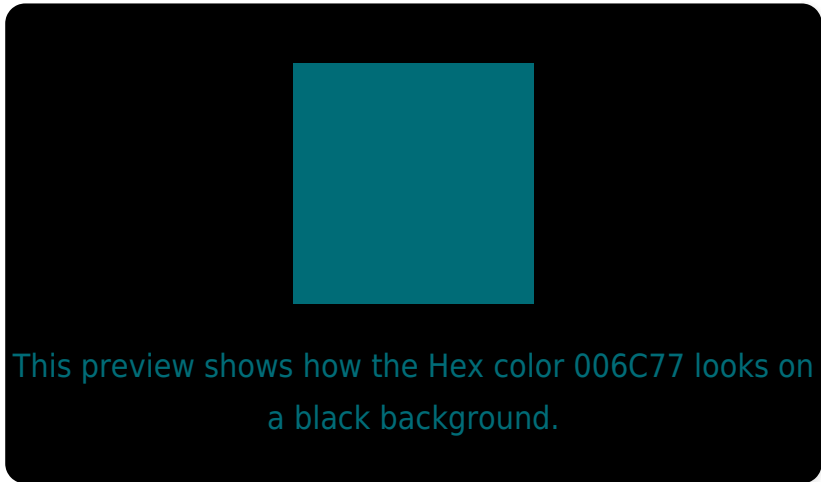
Large Text (above 18pt) WCAG AA ✓ Pass

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

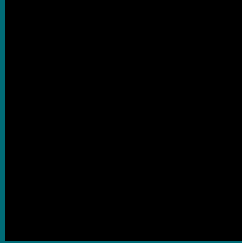
Any Text WCAG AA × Fail

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 006C77 Background



This preview shows how black text looks on a background with the Hex color 006C77.

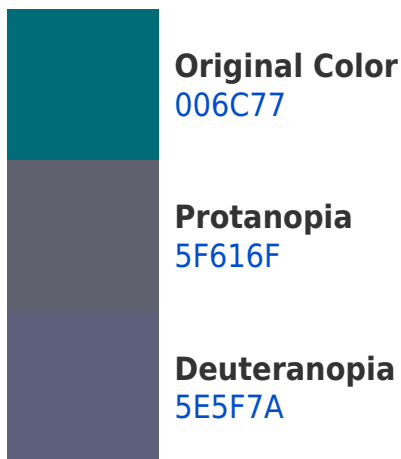


This preview shows how white text looks on a background with the Hex color 006C77.

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](#).

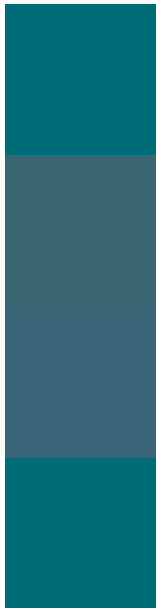
Dichromacy





Tritanopia
006C75

Trichromacy



Original Color
006C77

Protanomaly
3C6572

Deuteranomaly
3C6479

Tritanomaly
006C76

Monochromacy



Original Color
006C77

Achromatopsia
4D4D4D

Achromatomaly
31585C

CSS Examples

Text

The CSS property to change the color of the text to Hex 006C77 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 #006C77 looks like.

```
.text, #text, p{  
    color:#006C77  
}
```

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 #006C77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006C77
}
```

Border

The CSS property to change the border of an element to Hex 006C77 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
#006C77 }
```

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

```
.border{ border-color:#006C77 }
```

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

Here you see how a box with a 4 pixel #006C77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006C77; -webkit-box-shadow:4px 4px  
4px 4px #006C77; box-shadow:4px 4px 4px  
4px #006C77 }
```

Background

The CSS property to change the background color of an element to Hex 006C77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006C77 }
```

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

```
.background{ background-color:#006C77 }
```

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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