

Converting Colors

Hex(006C79)

Have a look what the booklet for
Hex(006C79) contains.

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Color

Hex(006C79)

Conversions

Conversions Part 1

Format	Color
Hex	006C79
RGB	0, 108, 121
RGB Percent	0%, 42%, 47%
CMY	1.0000, 0.5765, 0.5255
CMYK	1.00, 0.11, 0.00, 0.53
HSL	186°, 100%, 24%
HSV	186°, 100%, 47%
XYZ	8.8138, 12.1056, 19.9612
YIQ	77.1900, -68.5410, -18.8530

Conversions

Conversions Part 2

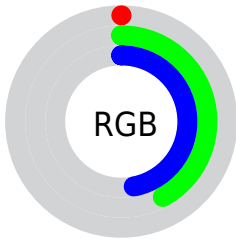
Format	Color
RYB	0, 57, 121
Decimal	27769
CIELab	41.38, -21.03, -14.68
CIELCh	41, 25.645, 214.916
Yxy	12.1056, 0.2156, 0.2961
Android (android.graphics.Color)	4278217849 (0xFF006C79)
YUV	77.1900, 21.5983, -67.6956
Hunter-Lab	34.7931, -15.6705, -9.6602

Details

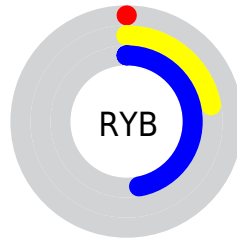
The Hex color **006C79** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **790D00**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **4EA0AD**, and **003C48** is the 20% darker color. If you saturate the color by 10%, you get **006C79**, and if you desaturate by 10%, it is **0C6D79**.

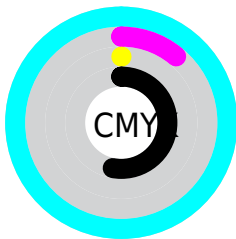
Distribution



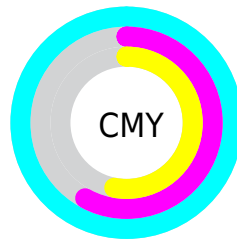
- Red (0%)
- Green (42%)
- Blue (47%)



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



- Cyan (100%)
- Magenta (11%)
- Yellow (0%)
- Black (53%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 006C79 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 006C79 by changing the saturation by 10% instead.

006C79

006C79

FFFFFF

005460

4EA0AD

003C48

6ABBC9

002632

86D7E5

000B1D

A3F3FF

000000

BFFFFFF

DCFFFF

FAFFFF

006C79

■ 0C6D79

■ 186F79

■ 247079

■ 307179

■ 3C7279

■ 497479

■ 557579

■ 617679

■ 6D7879

Harmonies

Analogous

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



1D6D64



006C79



226987

Triad

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



006C79



7F5474



6C6137

Complementary

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



006C79



790D00

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.



7E5A3C



006C79



8A515F

Square

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



006C79



695B84



89544B



56673E

Rectangle

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



006C79



3C658B



89544B



735F37

Sweetspot

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



006C79



6F999E



00790C



334C4F



CFCFCF



4F4F4F

Same Dimension

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



006C79



008D9E



003079



373D3D



00707D



00E1FC

Inverse Universe

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



79006C



9E008D



794900



3D373D



7D0070



FC00E1

Previews

White Background



This preview shows how the Hex color 006C79 looks on a white background.

Color Contrast Check

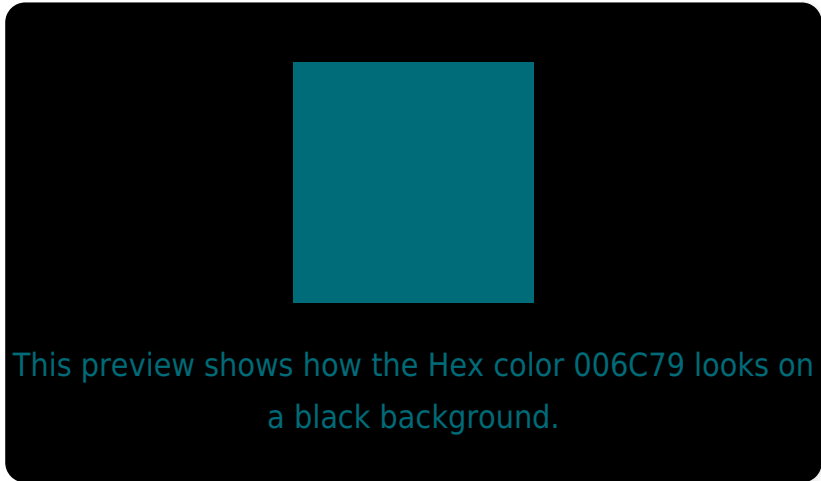
Large Text (above 18pt) WCAG AA ✓ Pass

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

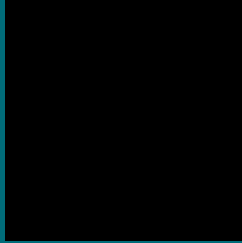
Any Text WCAG AA × Fail

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 006C79 Background



This preview shows how black text looks on a background with the Hex color 006C79.

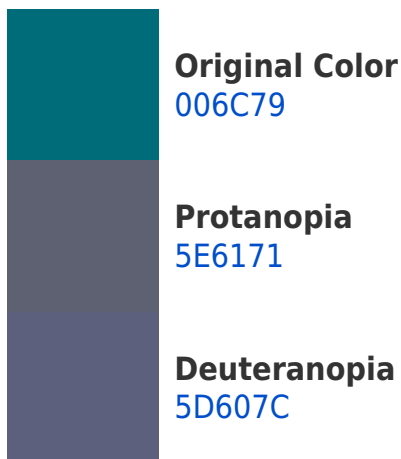


This preview shows how white text looks on a background with the Hex color 006C79.

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](#).

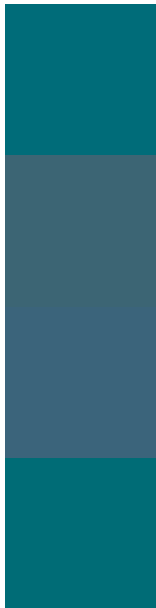
Dichromacy





Tritanopia
006C75

Trichromacy



Original Color
006C79

Protanomaly
3C6574

Deuteranomaly
3B647B

Tritanomaly
006C76

Monochromacy



Original Color
006C79

Achromatopsia
4D4D4D

Achromatomaly
31585D

CSS Examples

Text

The CSS property to change the color of the text to Hex 006C79 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 #006C79 looks like.

```
.text, #text, p{  
    color:#006C79  
}
```

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 #006C79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006C79
}
```

Border

The CSS property to change the border of an element to Hex 006C79 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
#006C79 }
```

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

```
.border{ border-color:#006C79 }
```

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

Here you see how a box with a 4 pixel #006C79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006C79; -webkit-box-shadow:4px 4px  
4px 4px #006C79; box-shadow:4px 4px 4px  
4px #006C79 }
```

Background

The CSS property to change the background color of an element to Hex 006C79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006C79 }
```

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

```
.background{ background-color:#006C79 }
```

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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