

Converting Colors

Hex(006A79)

Have a look what the booklet for
Hex(006A79) contains.

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Color

Hex(006A79)

Conversions

Conversions Part 1

Format	Color
Hex	006A79
RGB	0, 106, 121
RGB Percent	0%, 42%, 47%
CMY	1.0000, 0.5843, 0.5255
CMYK	1.00, 0.12, 0.00, 0.53
HSL	187°, 100%, 24%
HSV	187°, 100%, 47%
XYZ	8.6052, 11.6885, 19.8917
YIQ	76.0160, -67.9910, -17.8070

Conversions

Conversions Part 2

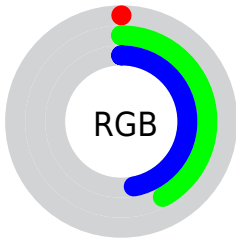
Format	Color
RYB	0, 57, 121
Decimal	27257
CIELab	40.72, -19.95, -15.70
CIELCh	41, 25.388, 218.189
Yxy	11.6885, 0.2141, 0.2909
Android (android.graphics.Color)	4278217337 (0xFF006A79)
YUV	76.0160, 22.1771, -66.6660
Hunter-Lab	34.1885, -14.9016, -10.5644

Details

The Hex color **006A79** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **790F00**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **4D9EAD**, and **003A48** is the 20% darker color. If you saturate the color by 10%, you get **006A79**, and if you desaturate by 10%, it is **0C6C79**.

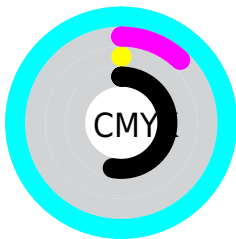
Distribution



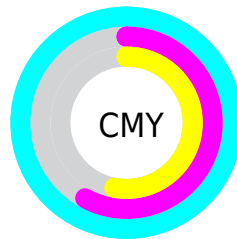
- Red (0%)
- Green (42%)
- Blue (47%)



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



- Cyan (100%)
- Magenta (12%)
- Yellow (0%)
- Black (53%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 006A79 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 006A79 by changing the saturation by 10% instead.

006A79

006A79

FFFFFF

005260

4D9EAD

003A48

6AB9C9

002432

86D4E5

00071D

A2F1FF

000000

BFFFFFF

DCFFFF

FAFFFF

006A79

 0C6C79

 186D79


 246F79

 307079

 3C7279

 497379

 557479

 617679

 6D7779

Harmonies

Analogous

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



196B65



006A79



266686

Triad

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



006A79



7F5270



686136

Complementary

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



006A79



790F00

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.



7A593A



006A79



88505B

Square

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



006A79



6A5881



865347



52663F

Rectangle

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



006A79



3F6289



865347



6F5E36

Sweetspot

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



006A79



6F989E



00790E



334C4F



CFCFCF



4F4F4F

Same Dimension

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



006A79



008B9E



002E79



373C3D



006D7D



00DDFC

Inverse Universe

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



79006A



9E008B



794B00



3D373C



7D006D



FC00DD

Previews

White Background



This preview shows how the Hex color 006A79 looks on a white background.

Color Contrast Check

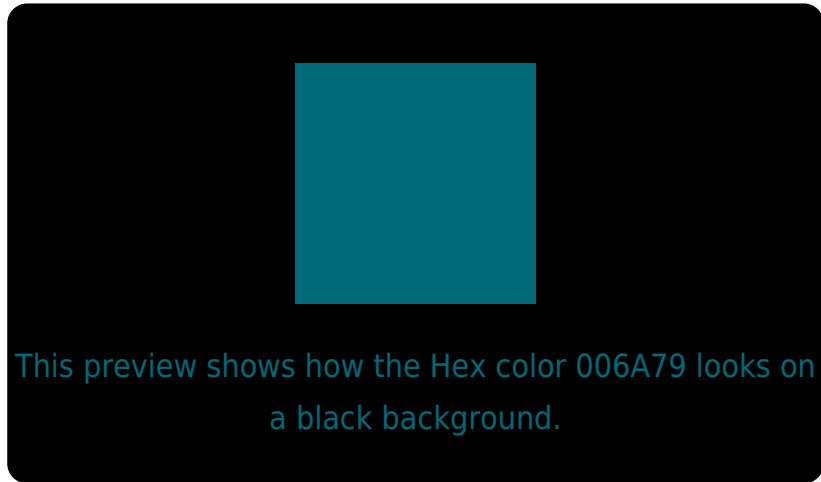
Large Text (above 18pt) WCAG AA ✓ Pass

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

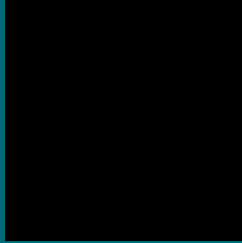
Any Text WCAG AA × Fail

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 006A79 Background



This preview shows how black text looks on a background with the Hex color 006A79.

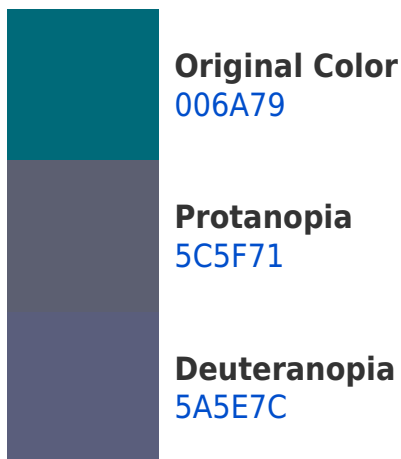


This preview shows how white text looks on a background with the Hex color 006A79.

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](#).

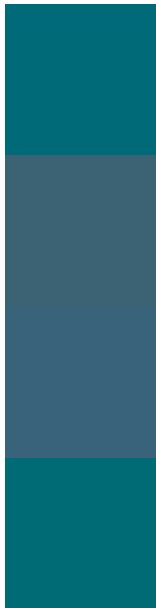
Dichromacy





Tritanopia
006B73

Trichromacy



Original Color
006A79

Protanomaly
3B6374

Deuteranomaly
39627B

Tritanomaly
006B75

Monochromacy



Original Color
006A79

Achromatopsia
4C4C4C

Achromatomaly
30575C

CSS Examples

Text

The CSS property to change the color of the text to Hex 006A79 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 #006A79 looks like.

```
.text, #text, p{  
    color:#006A79  
}
```

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 #006A79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006A79
}
```

Border

The CSS property to change the border of an element to Hex 006A79 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
#006A79 }
```

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

```
.border{ border-color:#006A79 }
```

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

Here you see how a box with a 4 pixel #006A79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006A79; -webkit-box-shadow:4px 4px  
4px 4px #006A79; box-shadow:4px 4px 4px  
4px #006A79 }
```

Background

The CSS property to change the background color of an element to Hex 006A79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006A79 }
```

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

```
.background{ background-color:#006A79 }
```

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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