

# Converting Colors

Hex(006979)

Have a look what the booklet for  
Hex(006979) contains.

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**Color**

**Hex(006979)**

# Conversions

## Conversions Part 1

Format	Color
Hex	006979
RGB	0, 105, 121
RGB Percent	0%, 41%, 47%
CMY	1.0000, 0.5882, 0.5255
CMYK	1.00, 0.13, 0.00, 0.53
HSL	188°, 100%, 24%
HSV	188°, 100%, 47%
XYZ	8.5028, 11.4836, 19.8576
YIQ	75.4290, -67.7160, -17.2840

# Conversions

## Conversions Part 2

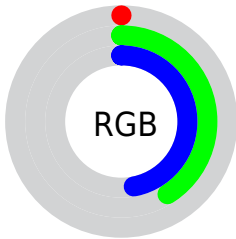
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 56, 121
Decimal	27001
CIELab	40.38, -19.41, -16.21
CIElCh	40, 25.288, 219.857
Yxy	11.4836, 0.2134, 0.2882
Android (android.graphics.Color)	4278217081 (0xFF006979)
YUV	75.4290, 22.4665, -66.1512
Hunter-Lab	33.8875, -14.5154, -11.0218

# Details

The Hex color **006979** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **791000**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **4D9CAD**, and **003948** is the 20% darker color. If you saturate the color by 10%, you get **006979**, and if you desaturate by 10%, it is **0C6B79**.

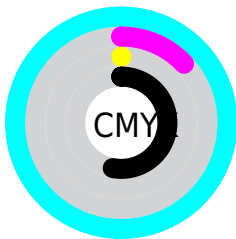
# Distribution



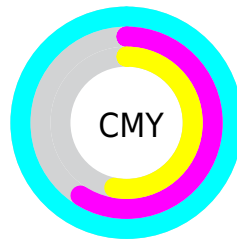
- Red (0%)
- Green (41%)
- Blue (47%)



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



- Cyan (100%)
- Magenta (13%)
- Yellow (0%)
- Black (53%)



- Cyan (100%)
- Magenta (59%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 006979 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 006979 by changing the saturation by 10% instead.



006979

006979

FFFFFF

005160

4D9CAD

003948

6AB7C9

002432

86D3E5

00041D

A2F0FF

000000

BFFFFFF

DCFFFF

F9FFFF

006979

 0C6B79

 186C79


 246E79

 306F79

 3C7179

 497379

 557479

 617679

 6D7779

# Harmonies

## Analogous

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



166A66



006979



276586

# Triad

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



006979



7F516E



666036

# Complementary

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



006979



791000

# 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.



795939



006979



874F59

# Square

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



006979



6A577F



855246



4F663F

# Rectangle

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



006979



416188



855246



6D5E35



# Sweetspot

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



006979



6F989E



00790E



334B4F



CFCFCF



4F4F4F



# Same Dimension

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



006979



00899E



002E79



373C3D



006C7D



00DBFC



# Inverse Universe

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



790069



9E0089



794B00



3D373C



7D006C



FC00DB



# Previews

## White Background



This preview shows how the Hex color 006979 looks on a white background.

## Color Contrast Check

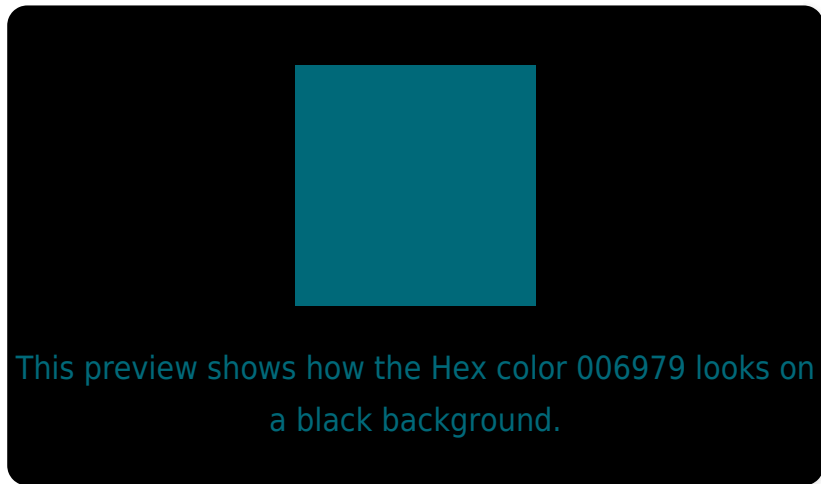
Large Text (above 18pt) WCAG AA ✓ Pass

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

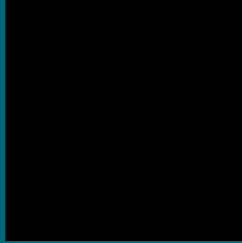
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 006979 Background



This preview shows how black text looks on a background with the Hex color 006979.

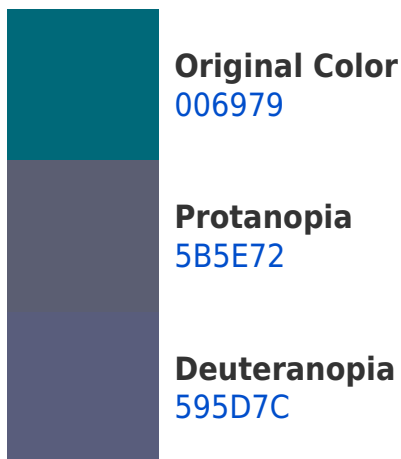


This preview shows how white text looks on a background with the Hex color 006979.

# 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](#).

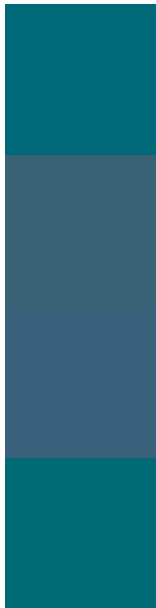
## Dichromacy





**Tritanopia**  
006A72

# Trichromacy



**Original Color**  
006979

**Protanomaly**  
3A6275

**Deuteranomaly**  
39617B

**Tritanomaly**  
006A75

# Monochromacy



**Original Color**  
006979

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
30565C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 006979 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 #006979 looks like.

```
.text, #text, p{  
    color:#006979  
}
```

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 #006979 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006979
}
```

## Border

The CSS property to change the border of an element to Hex 006979 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
#006979 }
```

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

```
.border{ border-color:#006979 }
```

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

Here you see how a box with a 4 pixel #006979 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006979; -webkit-box-shadow:4px 4px  
4px 4px #006979; box-shadow:4px 4px 4px  
4px #006979 }
```

# Background

The CSS property to change the background color of an element to Hex 006979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006979 }
```

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

```
.background{ background-color:#006979 }
```

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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