

# Converting Colors

Hex(006480)

Have a look what the booklet for  
Hex(006480) contains.

<b>Hex(006480)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	21
<b><i>Color Blindness Simulation</i></b> .....	24
<b><i>CSS Examples</i></b> .....	27

# Color

**Hex(006480)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	006480
RGB	0, 100, 128
RGB Percent	0%, 39%, 50%
CMY	1.0000, 0.6078, 0.4980
CMYK	1.00, 0.22, 0.00, 0.50
HSL	193°, 100%, 25%
HSV	193°, 100%, 50%
XYZ	8.4535, 10.6729, 22.0366
YIQ	73.2920, -68.5880, -12.4920

# Conversions

## Conversions Part 2

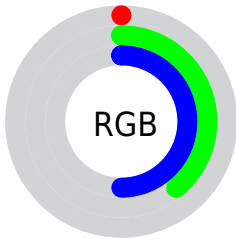
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 56, 128
Decimal	25728
CIELab	39.02, -13.99, -22.56
CIELCh	39, 26.539, 238.200
Yxy	10.6729, 0.2054, 0.2593
Android (android.graphics.Color)	4278215808 (0xFF006480)
YUV	73.2920, 26.9710, -64.2771
Hunter-Lab	32.6693, -10.9830, -17.1246

# Details

The Hex color **006480** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **801C00**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **4E97B5**, and **00354F** is the 20% darker color. If you saturate the color by 10%, you get **006480**, and if you desaturate by 10%, it is **0D6780**.

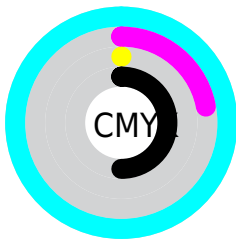
# Distribution



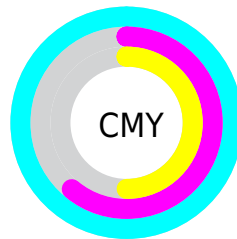
- Red (0%)
- Green (39%)
- Blue (50%)



- Red (0%)
- Yellow (22%)
- Blue (50%)



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)
- Black (50%)



- Cyan (100%)
- Magenta (61%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 006480 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 006480 by changing the saturation by 10% instead.



 006480

 006480

FFFFFF

 004C67

 4E97B5

 00354F

 6AB2D1

 002038

 87CDED

 000222

 A3E9FF

 000009

 C0FFFF

 000000

 DDFFFF

 FBFFFF

 006480

 0D6780

 1A6A80

 266C80

 336F80

 407280

 4D7580

 5A7880

 667A80

 737D80

# Harmonies

## Analogous

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



006770



006480



385E87

# Triad

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



006480



834B5E



556135

# Complementary

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



006480



801C00

# 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.



6B5A30



006480



854C49

# Square

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



006480



764F73



7C5338



3B6544

# Rectangle

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



006480



515985



7C5338



5D5F32



# Sweetspot

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



006480



749BA6



00801C



364E54



D4D4D4



545454



# Same Dimension

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



006480



0081A6



002480



393E40



000000

# Inverse Universe

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



800064



A60081



805C00



40393E



000000

# Previews

## White Background



This preview shows how the Hex color 006480 looks on a white background.

## Color Contrast Check

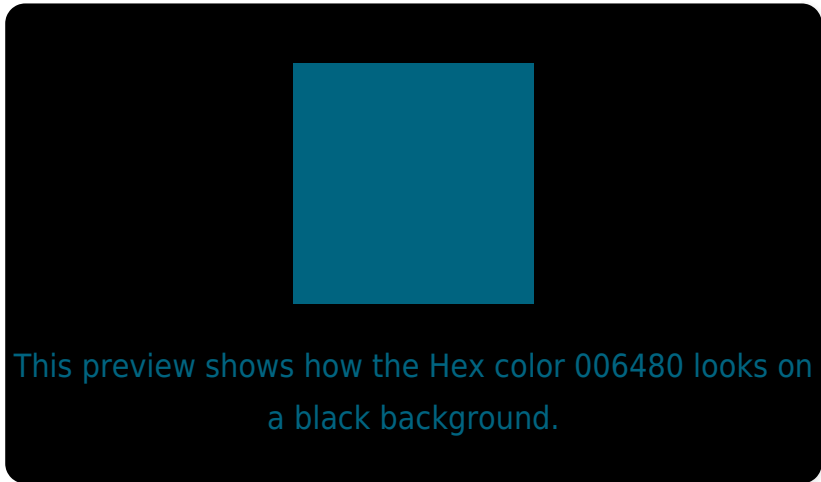
Large Text (above 18pt) WCAG AA ✓ Pass

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

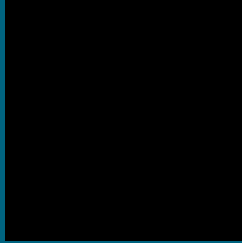
Any Text WCAG AA × Fail

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 006480 Background



This preview shows how black text looks on a background with the Hex color 006480.

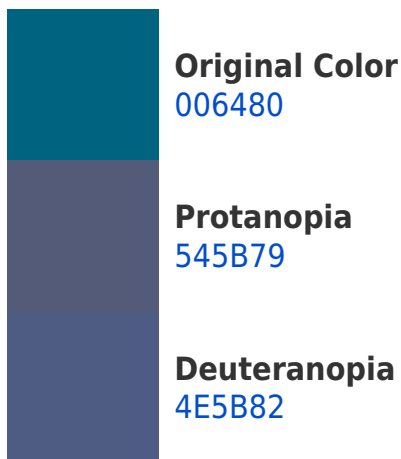


This preview shows how white text looks on a background with the Hex color 006480.

# 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

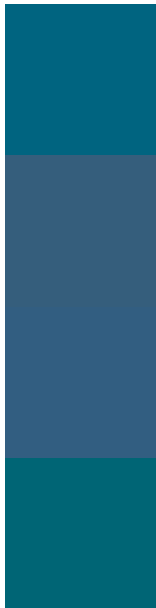






**Tritanopia**  
00666E

# Trichromacy



**Original Color**  
006480

**Protanomaly**  
355E7C

**Deuteranomaly**  
325E81

**Tritanomaly**  
006575

# Monochromacy



**Original Color**  
006480

**Achromatopsia**  
494949

**Achromatomaly**  
2E535D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 006480 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 #006480 looks like.

```
.text, #text, p{  
    color:#006480  
}
```

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 #006480 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006480
}
```

## Border

The CSS property to change the border of an element to Hex 006480 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
#006480 }
```

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

```
.border{ border-color:#006480 }
```

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

Here you see how a box with a 4 pixel #006480 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006480; -webkit-box-shadow:4px 4px  
4px 4px #006480; box-shadow:4px 4px 4px  
4px #006480 }
```

# Background

The CSS property to change the background color of an element to Hex 006480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006480 }
```

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

```
.background{ background-color:#006480 }
```

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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