

# Converting Colors

Hex(006A6C)

Have a look what the booklet for  
Hex(006A6C) contains.

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# Color

Hex(006A6C)

# Conversions

## Conversions Part 1

Format	Color
Hex	006A6C
RGB	0, 106, 108
RGB Percent	0%, 42%, 42%
CMY	1.0000, 0.5843, 0.5765
CMYK	1.00, 0.02, 0.00, 0.58
HSL	181°, 100%, 21%
HSV	181°, 100%, 42%
XYZ	7.8608, 11.3908, 15.9717
YIQ	74.5340, -63.8180, -21.8500

# Conversions

## Conversions Part 2

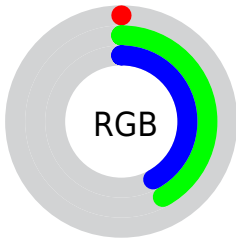
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 53, 108
Decimal	27244
CIELab	40.23, -24.53, -8.53
CIELCh	40, 25.971, 199.169
Yxy	11.3908, 0.2232, 0.3234
Android (android.graphics.Color)	4278217324 (0xFF006A6C)
YUV	74.5340, 16.4987, -65.3663
Hunter-Lab	33.7502, -17.4882, -4.4328

# Details

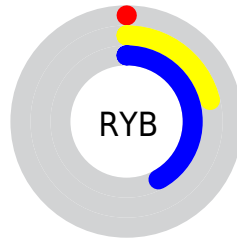
The Hex color **006A6C** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6C0200**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **4B9E9F**, and **003A3D** is the 20% darker color. If you saturate the color by 10%, you get **006A6C**, and if you desaturate by 10%, it is **0B6A6C**.

# Distribution



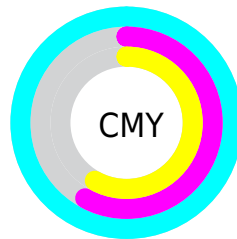
- Red (0%)
- Green (42%)
- Blue (42%)



- Red (0%)
- Yellow (21%)
- Blue (42%)



- Cyan (100%)
- Magenta (2%)
- Yellow (0%)
- Black (58%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 006A6C 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 006A6C by changing the saturation by 10% instead.



006A6C

006A6C

FFFFFF

005154

4B9E9F

003A3D

67B9BA

002427

83D5D6

000213

9FF1F2

000000

BCFFFF

D8FFFF

F6FFFF

006A6C

 0B6A6C

 166A6C

 206B6C

 2B6B6C

 366B6C

 416B6C

 4C6B6C

 566C6C

 616C6C

# Harmonies

## Analogous

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



2A6A56



006A6C



00687E

# Triad

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



006A6C



72547B



735B35

# Complementary

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



006A6C



6C0200

# 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.



825440



006A6C



834F67

# Square

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



006A6C



565C87



884F52



5F6236

# Rectangle

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



006A6C



226586



884F52



795837



# Sweetspot

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



006A6C



628B8C



006C02



2E4747



C7C7C7



474747



# Same Dimension

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



006A6C



008A8C



00346C



303536



007375



00F0F5



# Inverse Universe

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



6C006A



8C008A



6C3800



363035



750073



F500F0



# Previews

## White Background



This preview shows how the Hex color 006A6C looks on a white background.

## Color Contrast Check

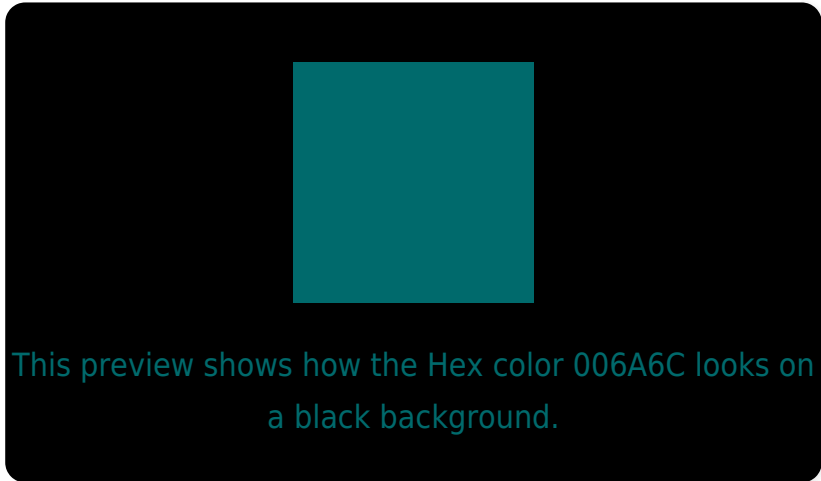
Large Text (above 18pt) WCAG AA ✓ Pass

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

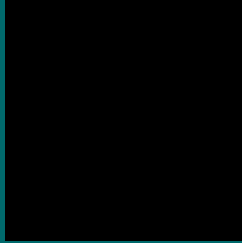
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 006A6C Background



This preview shows how black text looks on a background with the Hex color 006A6C.

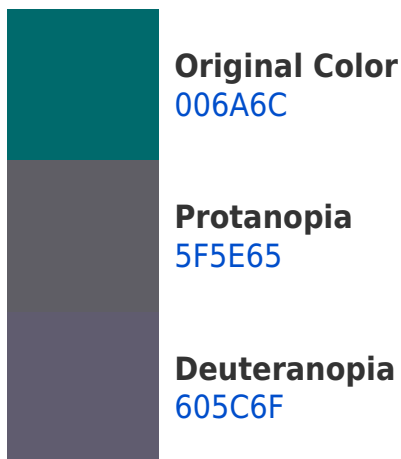


This preview shows how white text looks on a background with the Hex color 006A6C.

# 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](#).

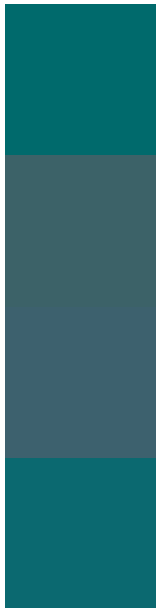
## Dichromacy





**Tritanopia**  
116972

# Trichromacy



**Original Color**  
006A6C

**Protanomaly**  
3C6268

**Deuteranomaly**  
3D616E

**Tritanomaly**  
0B6970

# Monochromacy



**Original Color**  
006A6C

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
305657

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 006A6C 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 #006A6C looks like.

```
.text, #text, p{  
    color:#006A6C  
}
```

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 #006A6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006A6C
}
```

## Border

The CSS property to change the border of an element to Hex 006A6C 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
#006A6C }
```

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

```
.border{ border-color:#006A6C }
```

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

Here you see how a box with a 4 pixel #006A6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006A6C; -webkit-box-shadow:4px 4px  
4px 4px #006A6C; box-shadow:4px 4px 4px  
4px #006A6C }
```

# Background

The CSS property to change the background color of an element to Hex 006A6C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006A6C }
```

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

```
.background{ background-color:#006A6C }
```

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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