

# Converting Colors

Hex(006985)

Have a look what the booklet for  
Hex(006985) contains.

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**Color**

**Hex(006985)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	006985
RGB	0, 105, 133
RGB Percent	0%, 41%, 52%
CMY	1.0000, 0.5882, 0.4784
CMYK	1.00, 0.21, 0.00, 0.48
HSL	193°, 100%, 26%
HSV	193°, 100%, 52%
XYZ	9.2852, 11.7966, 23.9779
YIQ	76.7970, -71.5680, -13.5520

# Conversions

## Conversions Part 2

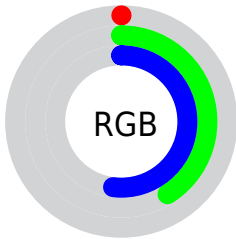
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 59, 133
Decimal	27013
CIELab	40.89, -14.94, -22.69
CIELCh	41, 27.166, 236.634
Yxy	11.7966, 0.2061, 0.2618
Android (android.graphics.Color)	4278217093 (0xFF006985)
YUV	76.7970, 27.7081, -67.3510
Hunter-Lab	34.3462, -11.8498, -17.3494

# Details

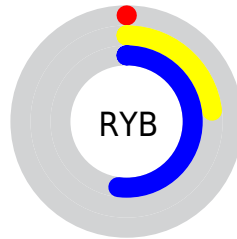
The Hex color **006985** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **851C00**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **509CBA**, and **003A53** is the 20% darker color. If you saturate the color by 10%, you get **006985**, and if you desaturate by 10%, it is **0D6C85**.

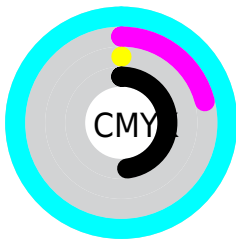
# Distribution



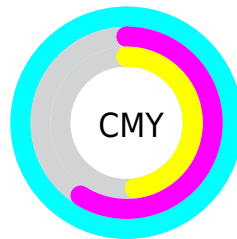
- Red (0%)
- Green (41%)
- Blue (52%)



- Red (0%)
- Yellow (23%)
- Blue (52%)



- Cyan (100%)
- Magenta (21%)
- Yellow (0%)
- Black (48%)



- Cyan (100%)
- Magenta (59%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 006985 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 006985 by changing the saturation by 10% instead.



006985

006985

FFFFFF

00516C

509CBA

003A53

6CB7D6

00243C

89D3F2

000926

A5EFFF

000110

C2FFFF

000000

E0FFFF

F0FFFF

006985

■ 0D6C85

■ 1B6F85

■ 287185

■ 357485

■ 437785

■ 507A85

■ 5D7D85

■ 6A7F85

■ 788285

# Harmonies

## Analogous

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



006C74



006985



3A638D

# Triad

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



006985



894F64



5A6538

# Complementary

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



006985



851C00

# 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.



715E34



006985



8B504E

# Square

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



006985



7A5479



82563C



406A47

# Rectangle

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



006985



545E8B



82563C



626335



# Sweetspot

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



006985



79A2AD



00851B



375057



D6D6D6



575757



# Same Dimension

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



006985



0089AD



002885



3C4142



006782



000203



# Inverse Universe

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



850069



AD0089



855D00



423C41



820067



030002



# Previews

## White Background



This preview shows how the Hex color 006985 looks on a white background.

## Color Contrast Check

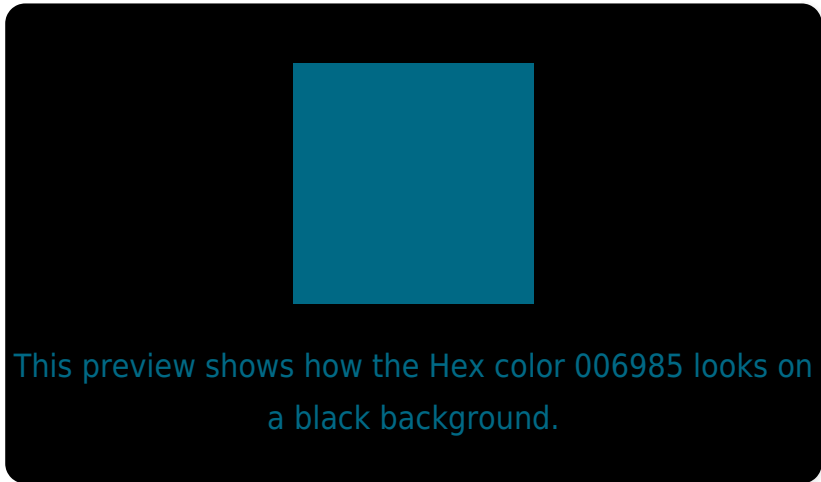
Large Text (above 18pt) WCAG AA ✓ Pass

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

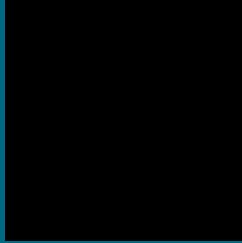
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 006985 Background



This preview shows how black text looks on a background with the Hex color 006985.

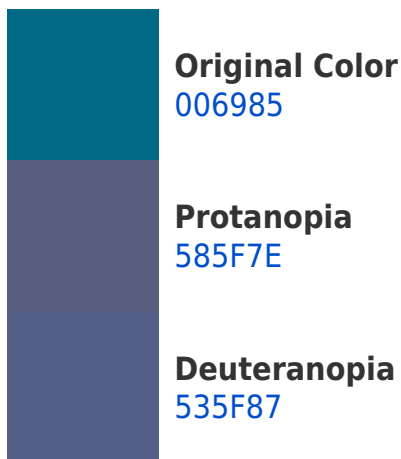


This preview shows how white text looks on a background with the Hex color 006985.

# 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**  
006985

**Protanomaly**  
386381

**Deuteranomaly**  
356386

**Tritanomaly**  
006A7A

# Monochromacy



**Original Color**  
006985

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
315761

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 006985 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 #006985 looks like.

```
.text, #text, p{  
    color:#006985  
}
```

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 #006985 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006985
}
```

## Border

The CSS property to change the border of an element to Hex 006985 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
#006985 }
```

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

```
.border{ border-color:#006985 }
```

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

Here you see how a box with a 4 pixel #006985 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006985; -webkit-box-shadow:4px 4px  
4px 4px #006985; box-shadow:4px 4px 4px  
4px #006985 }
```

# Background

The CSS property to change the background color of an element to Hex 006985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006985 }
```

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

```
.background{ background-color:#006985 }
```

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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