

# Converting Colors

Hex(07596C)

Have a look what the booklet for  
Hex(07596C) contains.

<b>Hex(07596C)</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> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(07596C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	07596C
RGB	7, 89, 108
RGB Percent	3%, 35%, 42%
CMY	0.9725, 0.6510, 0.5765
CMYK	0.94, 0.18, 0.00, 0.58
HSL	191°, 88%, 23%
HSV	191°, 94%, 42%
XYZ	6.3668, 8.2726, 15.4486
YIQ	66.6480, -54.9710, -11.4750

# Conversions

## Conversions Part 2

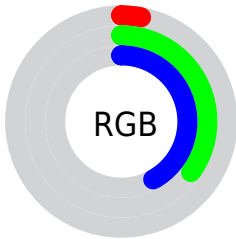
<b>Format</b>	<b>Color</b>
<b>RYB</b>	7, 52, 108
Decimal	481644
CIELab	34.54, -14.80, -17.17
CIELCh	35, 22.667, 229.235
Yxy	8.2726, 0.2116, 0.2749
Android (android.graphics.Color)	4278671724 (0xFF07596C)
YUV	66.6480, 20.3865, -52.3113
Hunter-Lab	28.7622, -10.8212, -11.7119

# Details

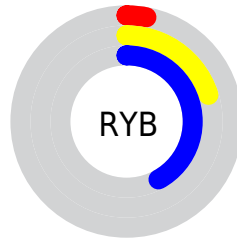
The Hex color **07596C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6C1A07**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **4A8B9F**, and **002B3D** is the 20% darker color. If you saturate the color by 10%, you get **00586C**, and if you desaturate by 10%, it is **125B6C**.

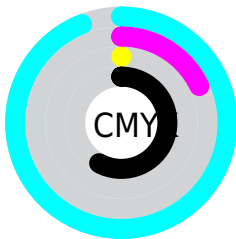
# Distribution



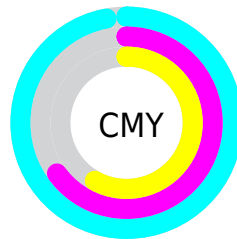
- Red (3%)
- Green (35%)
- Blue (42%)



- Red (3%)
- Yellow (20%)
- Blue (42%)



- Cyan (94%)
- Magenta (18%)
- Yellow (0%)
- Black (58%)



- Cyan (97%)
- Magenta (65%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 07596C 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 07596C by changing the saturation by 10% instead.



 07596C

 07596C

FFFFFF

 004254


 4A8B9F

 002B3D

 66A6BA

 001827

 81C1D6

 000111

 9DDDF3

 000000

 B9F9FF

 D6FFFF

 F3FFFF

 07596C

 07596C

■ 00586C

■ 125B6C

■ 1D5D6C

■ 275F6C

■ 32616C

■ 3D636C

■ 48656C

■ 53676C

■ 5D696C

■ 686B6C

# Harmonies

## Analogous

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



075B5C



07596C



2B5574

# Triad

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



07596C



704459



51542F

# Complementary

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



07596C



6C1A07

# 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.



634E2E



07596C



744446

# Square

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



07596C



624869



6F4837



3D5839

# Rectangle

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



07596C



405175



6F4837



58522D



# Sweetspot

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



07596C



65858C



076C1A



2F4347



C7C7C7



474747



# Same Dimension

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



07596C



00728C



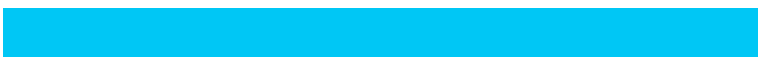
07276C



303536



005F75



00C7F5



# Inverse Universe

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



6C0759



8C0072



6C4C07



363035



75005F



F500C7



# Previews

## White Background



This preview shows how the Hex color 07596C looks on a white background.

## Color Contrast Check

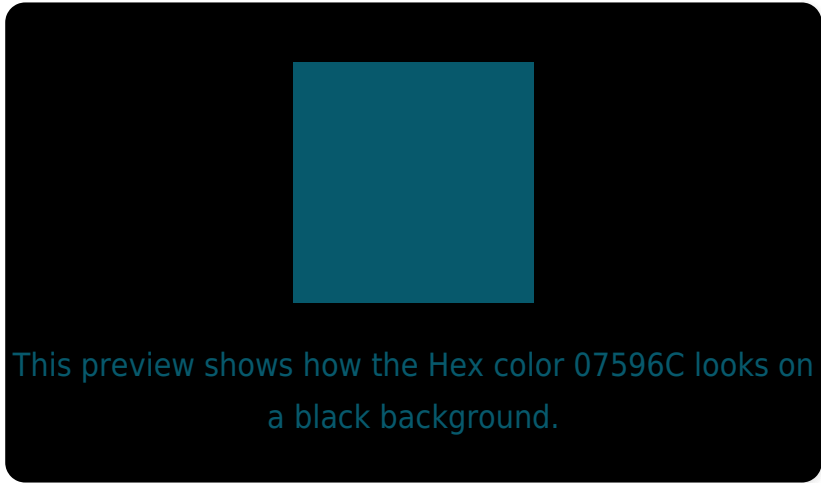
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

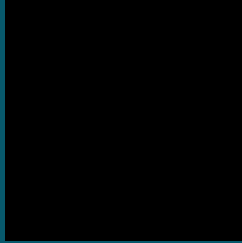
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 07596C Background



This preview shows how black text looks on a background with the Hex color 07596C.

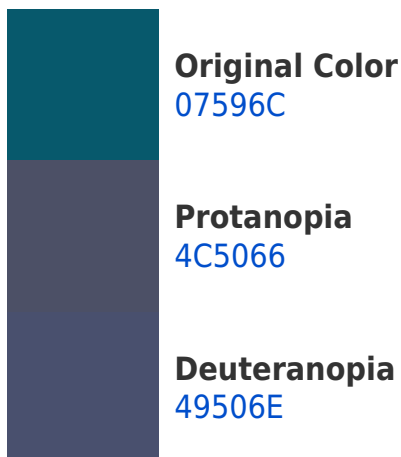



This preview shows how white text looks on a background with the Hex color 07596C.

# 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](#).

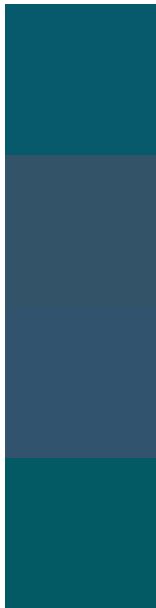
## Dichromacy





**Tritanopia**  
005A61

# Trichromacy



**Original Color**  
07596C

**Protanomaly**  
335368

**Deuteranomaly**  
31536D

**Tritanomaly**  
035A65

# Monochromacy



**Original Color**  
07596C

**Achromatopsia**  
434343

**Achromatomaly**  
2D4B52

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 07596C 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 #07596C looks like.

```
.text, #text, p{  
    color:#07596C  
}
```

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 #07596C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #07596C
}
```

## Border

The CSS property to change the border of an element to Hex 07596C 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
#07596C }
```

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

```
.border{ border-color:#07596C }
```

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

Here you see how a box with a 4 pixel #07596C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #07596C; -webkit-box-shadow:4px 4px  
4px 4px #07596C; box-shadow:4px 4px 4px  
4px #07596C }
```

# Background

The CSS property to change the background color of an element to Hex 07596C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#07596C }
```

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

```
.background{ background-color:#07596C }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor