

Converting Colors

Hex(06707C)

Have a look what the booklet for
Hex(06707C) contains.

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Color

Hex(06707C)

Conversions

Conversions Part 1

Format	Color
Hex	06707C
RGB	6, 112, 124
RGB Percent	2%, 44%, 49%
CMY	0.9765, 0.5608, 0.5137
CMYK	0.95, 0.10, 0.00, 0.51
HSL	186°, 91%, 25%
HSV	186°, 95%, 49%
XYZ	9.5074, 13.0823, 21.0928
YIQ	81.6740, -67.0280, -18.7400

Conversions

Conversions Part 2

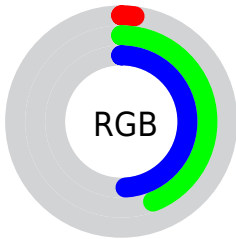
Format	Color
RYB	6, 62, 124
Decimal	422012
CIELab	42.89, -21.72, -14.19
CIELCh	43, 25.948, 213.162
Yxy	13.0823, 0.2176, 0.2995
Android (android.graphics.Color)	4278612092 (0xFF06707C)
YUV	81.6740, 20.8667, -66.3661
Hunter-Lab	36.1695, -16.3767, -9.2573

Details

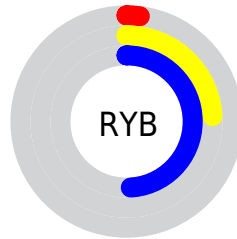
The Hex color **06707C** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7C1206**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **50A4B1**, and **00404B** is the 20% darker color. If you saturate the color by 10%, you get **006F7C**, and if you desaturate by 10%, it is **12717C**.

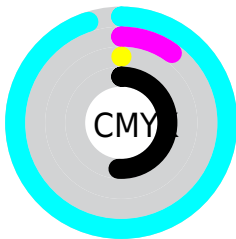
Distribution



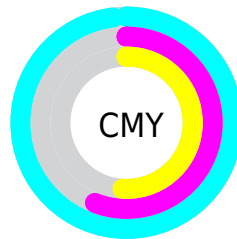
- Red (2%)
- Green (44%)
- Blue (49%)



- Red (2%)
- Yellow (24%)
- Blue (49%)



- Cyan (95%)
- Magenta (10%)
- Yellow (0%)
- Black (51%)



- Cyan (98%)
- Magenta (56%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 06707C 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 06707C by changing the saturation by 10% instead.

 06707C

 06707C

FFFFFF

 005763

 50A4B1

 00404B

 6DBFCC

 002935

 89DBE8

 00131F

 A6F8FF

 000005

 C2FFFF

 000000

 E0FFFF

 F0FFFF

 06707C

 06707C

■ 006F7C

■ 12717C

■ 1F737C

■ 2B747C

■ 38757C

■ 44767C

■ 50787C

■ 5D797C

■ 697A7C

■ 767B7C

Harmonies

Analogous

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



237167



06707C



236D8B

Triad

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



06707C



825879



71653A

Complementary

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



06707C



7C1206

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.



835D40



06707C



8E5564

Square

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



06707C



6B5F89



8E574F



5B6B41

Rectangle

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



06707C



3D698F



8E574F



78623B

Sweetspot

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



06707C



729CA1



067C12



354F52



D1D1D1



525252

Same Dimension

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



06707C



0090A1



06357C



373D3D



00707D



00E3FC

Inverse Universe

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



7C0670



A10090



7C4D06



3D373D



7D0070



FC00E3

Previews

White Background



This preview shows how the Hex color 06707C looks on a white background.

Color Contrast Check

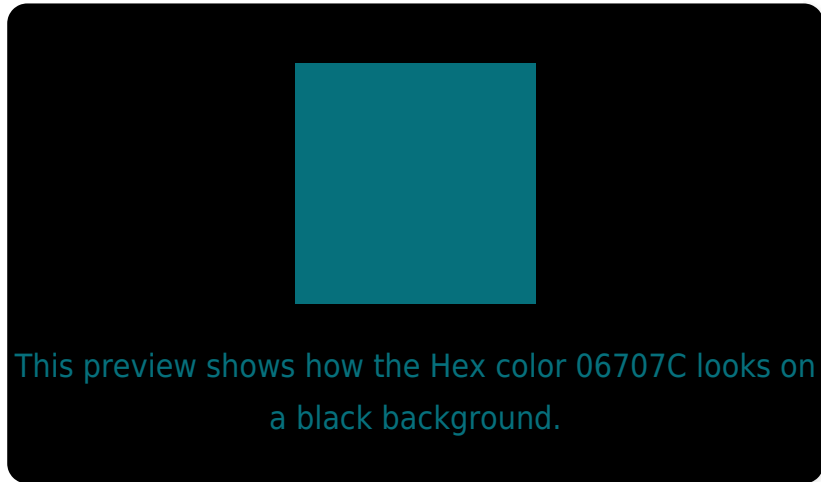
Large Text (above 18pt) WCAG AA ✓ Pass

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

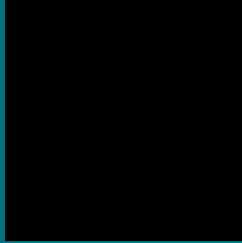
Any Text WCAG AA × Fail

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 06707C Background



This preview shows how black text looks on a background with the Hex color 06707C.

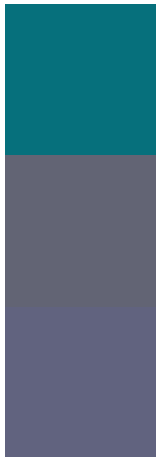


This preview shows how white text looks on a background with the Hex color 06707C.

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



Original Color
06707C

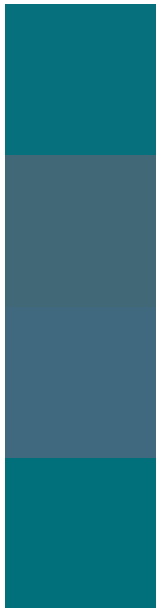
Protanopia
626474

Deuteranopia
61637F



Tritanopia
007079

Trichromacy



Original Color
06707C

Protanomaly
416877

Deuteranomaly
40687E

Tritanomaly
02707A

Monochromacy



Original Color
06707C

Achromatopsia
525252

Achromatomaly
365D61

CSS Examples

Text

The CSS property to change the color of the text to Hex 06707C 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 #06707C looks like.

```
.text, #text, p{  
    color:#06707C  
}
```

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 #06707C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06707C
}
```

Border

The CSS property to change the border of an element to Hex 06707C 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
#06707C }
```

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

```
.border{ border-color:#06707C }
```

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

Here you see how a box with a 4 pixel #06707C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06707C; -webkit-box-shadow:4px 4px  
4px 4px #06707C; box-shadow:4px 4px 4px  
4px #06707C }
```

Background

The CSS property to change the background color of an element to Hex 06707C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06707C }
```

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

```
.background{ background-color:#06707C }
```

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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