

# Converting Colors

Hex(0D707F)

Have a look what the booklet for  
Hex(0D707F) contains.

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# Color

**Hex(0D707F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0D707F
RGB	13, 112, 127
RGB Percent	5%, 44%, 50%
CMY	0.9490, 0.5608, 0.5020
CMYK	0.90, 0.12, 0.00, 0.50
HSL	188°, 81%, 27%
HSV	188°, 90%, 50%
XYZ	9.7909, 13.2062, 22.1117
YIQ	84.1090, -63.8190, -16.3230

# Conversions

## Conversions Part 2

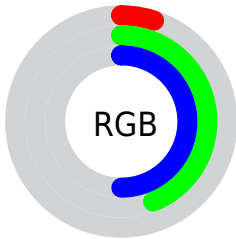
<b>Format</b>	<b>Color</b>
<b>RYB</b>	13, 66, 127
Decimal	880767
CIELab	43.07, -20.24, -15.71
CIELCh	43, 25.618, 217.821
Yxy	13.2062, 0.2171, 0.2928
Android (android.graphics.Color)	4279070847 (0xFF0D707F)
YUV	84.1090, 21.1453, -62.3626
Hunter-Lab	36.3404, -15.5037, -10.6374

# Details

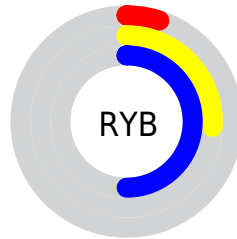
The Hex color **0D707F** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7F1C0D**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **53A4B4**, and **00404E** is the 20% darker color. If you saturate the color by 10%, you get **006E7F**, and if you desaturate by 10%, it is **1A727F**.

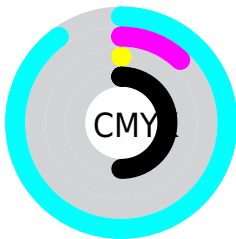
# Distribution



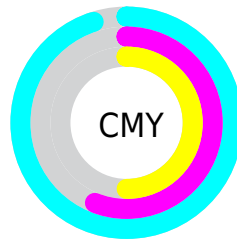
- Red (5%)
- Green (44%)
- Blue (50%)



- Red (5%)
- Yellow (26%)
- Blue (50%)



- Cyan (90%)
- Magenta (12%)
- Yellow (0%)
- Black (50%)



- Cyan (95%)
- Magenta (56%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0D707F 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 0D707F by changing the saturation by 10% instead.



 0D707F

 0D707F

FFFFFF

 005766

 53A4B4

 00404E

 6FBFCF

 002937

 8CDBEC

 001422

 A8F8FF

 000009

 C5FFFF

 000000

 E2FFFF

 0D707F

 0D707F

 006E7F

 1A727F

■ 26737F

■ 33757F

■ 40777F

■ 4C787F

■ 597A7F

■ 667C7F

■ 737D7F

■ 7F7F7F

# Harmonies

## Analogous

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



20716B



0D707F



2C6C8C

# Triad

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



0D707F



855876



6E663B

# Complementary

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



0D707F



7F1C0D

# 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.



815F3F



0D707F



8F5561

# Square

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



0D707F



6F5E87



8D584D



576C44

# Rectangle

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



0D707F



446890



8D584D



75643B



# Sweetspot

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



0D707F



79A0A6



0D7F1A



395154



D4D4D4



545454



# Same Dimension

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



0D707F



0090A6



0D397F



393F40



006F80



000000



# Inverse Universe

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



7F0D70



A60090



7F530D



40393F



80006F



000000



# Previews

## White Background



This preview shows how the Hex color 0D707F looks on a white background.

## Color Contrast Check

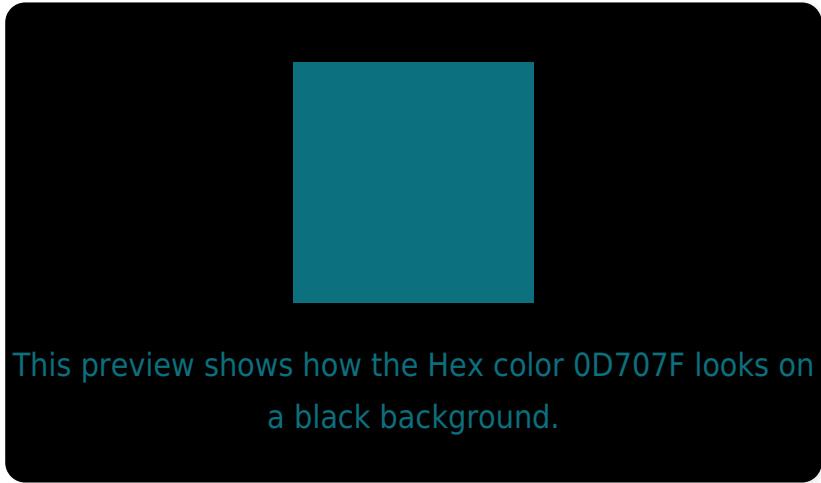
Large Text (above 18pt) WCAG AA ✓ Pass

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

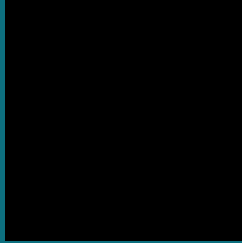
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0D707F Background



This preview shows how black text looks on a background with the Hex color 0D707F.

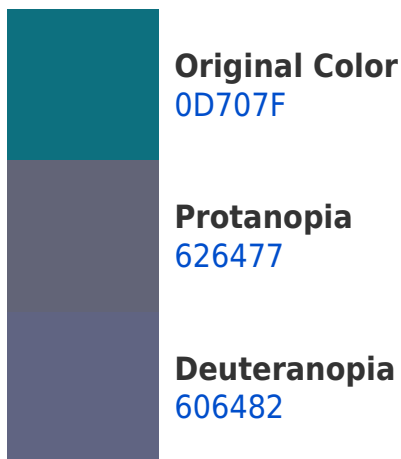


This preview shows how white text looks on a background with the Hex color 0D707F.

# 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](#).

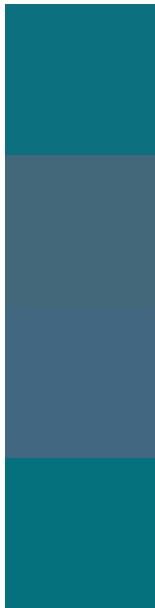
## Dichromacy





**Tritanopia**  
00717A

# Trichromacy



**Original Color**  
0D707F

**Protanomaly**  
43687A

**Deuteranomaly**  
426881

**Tritanomaly**  
05717C

# Monochromacy



**Original Color**  
0D707F

**Achromatopsia**  
545454

**Achromatomaly**  
3A5E64

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0D707F 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 #0D707F looks like.

```
.text, #text, p{  
    color:#0D707F  
}
```

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 #0D707F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D707F
}
```

## Border

The CSS property to change the border of an element to Hex 0D707F 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
#0D707F }
```

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

```
.border{ border-color:#0D707F }
```

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

Here you see how a box with a 4 pixel #0D707F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D707F; -webkit-box-shadow:4px 4px  
4px 4px #0D707F; box-shadow:4px 4px 4px  
4px #0D707F }
```

# Background

The CSS property to change the background color of an element to Hex 0D707F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D707F }
```

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

```
.background{ background-color:#0D707F }
```

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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