

# Converting Colors

Hex(0C696F)

Have a look what the booklet for  
Hex(0C696F) contains.

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# Color

Hex(0C696F)

# Conversions

## Conversions Part 1

Format	Color
Hex	0C696F
RGB	12, 105, 111
RGB Percent	5%, 41%, 44%
CMY	0.9529, 0.5882, 0.5647
CMYK	0.89, 0.05, 0.00, 0.56
HSL	184°, 80%, 24%
HSV	184°, 89%, 44%
XYZ	8.0724, 11.3290, 16.8002
YIQ	77.8770, -57.3540, -17.8500

# Conversions

## Conversions Part 2

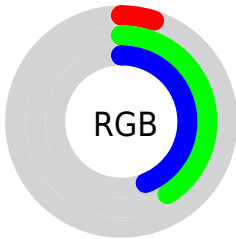
<b>Format</b>	<b>Color</b>
<b>RYB</b>	12, 60, 111
Decimal	813423
CIELab	40.13, -22.15, -10.50
CIElCh	40, 24.515, 205.351
Yxy	11.3290, 0.2230, 0.3129
Android (android.graphics.Color)	4279003503 (0xFF0C696F)
YUV	77.8770, 16.3296, -57.7741
Hunter-Lab	33.6586, -16.0924, -6.0327

# Details

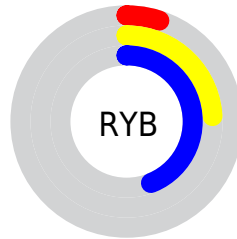
The Hex color **0C696F** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6F120C**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **4F9DA3**, and **00393F** is the 20% darker color. If you saturate the color by 10%, you get **01686F**, and if you desaturate by 10%, it is **176A6F**.

# Distribution



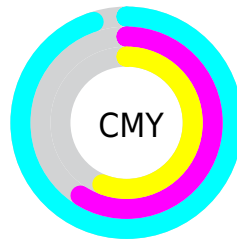
- Red (5%)
- Green (41%)
- Blue (44%)



- Red (5%)
- Yellow (24%)
- Blue (44%)



- Cyan (89%)
- Magenta (5%)
- Yellow (0%)
- Black (56%)



- Cyan (95%)
- Magenta (59%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0C696F 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 0C696F by changing the saturation by 10% instead.





0C696F



0C696F

FFFFFF



005157



4F9DA3



00393F



6BB8BE



002429



86D3D9



000216



A2F0F6



000000



BFFFFFF



DCFFFF



F9FFFF



0C696F



0C696F

■ 01686F

■ 176A6F

■ 00686F

■ 226A6F

■ 2D6B6F

■ 386C6F

■ 446C6F

■ 4F6D6F

■ 5A6E6F

■ 656E6F

■ 706F6F

# Harmonies

## Analogous

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



28695B



0C696F



18667F

# Triad

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



0C696F



755376



6F5C36

# Complementary

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



0C696F



6F120C

# 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.



7E553E



0C696F



834F63

# Square

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



0C696F



5C5B83



85504E



5A633A

# Rectangle

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



0C696F



306385



85504E



745A38



# Sweetspot

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



0C696F



6A8F91



0C6F11



32494A



C9C9C9



4A4A4A



# Same Dimension

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



0C696F



008991



0C396F



323838



007178



00E8F7



# Inverse Universe

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



6F0C69



910089



6F420C



383238



780071



F700E8



# Previews

## White Background



This preview shows how the Hex color 0C696F looks on a white background.

## Color Contrast Check

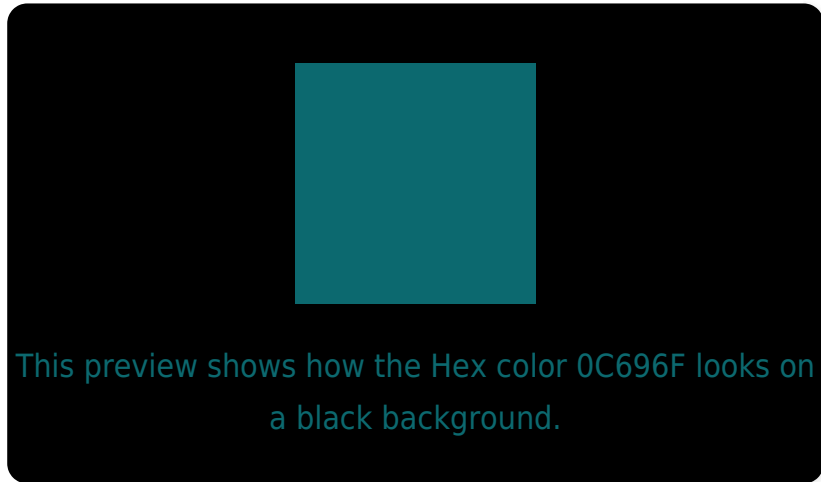
Large Text (above 18pt) WCAG AA ✓ Pass

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

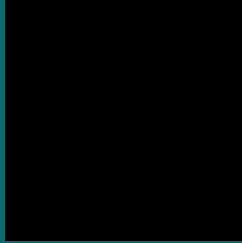
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0C696F Background



This preview shows how black text looks on a background with the Hex color 0C696F.

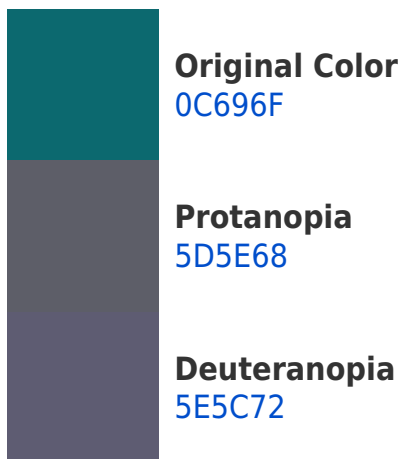


This preview shows how white text looks on a background with the Hex color 0C696F.

# 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](#).

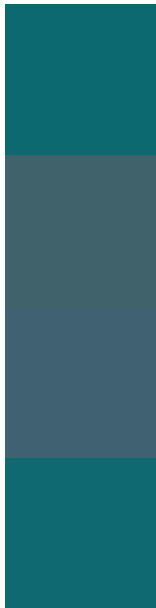
## Dichromacy





**Tritanopia**  
106971

# Trichromacy



**Original Color**  
0C696F

**Protanomaly**  
40626B

**Deuteranomaly**  
406171

**Tritanomaly**  
0F6970

# Monochromacy



**Original Color**  
0C696F

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
36585A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0C696F 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 #0C696F looks like.

```
.text, #text, p{  
    color:#0C696F  
}
```

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 #0C696F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C696F
}
```

## Border

The CSS property to change the border of an element to Hex 0C696F 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
#0C696F }
```

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

```
.border{ border-color:#0C696F }
```

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

Here you see how a box with a 4 pixel #0C696F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C696F; -webkit-box-shadow:4px 4px  
4px 4px #0C696F; box-shadow:4px 4px 4px  
4px #0C696F }
```

# Background

The CSS property to change the background color of an element to Hex 0C696F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C696F }
```

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

```
.background{ background-color:#0C696F }
```

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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