

# Converting Colors

Hex(0F6D70)

Have a look what the booklet for  
Hex(0F6D70) contains.

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# Color

**Hex(0F6D70)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0F6D70
RGB	15, 109, 112
RGB Percent	6%, 43%, 44%
CMY	0.9412, 0.5725, 0.5608
CMYK	0.87, 0.03, 0.00, 0.56
HSL	182°, 76%, 25%
HSV	182°, 87%, 44%
XYZ	8.5903, 12.2087, 17.2330
YIQ	81.2360, -56.9870, -18.9950

# Conversions

## Conversions Part 2

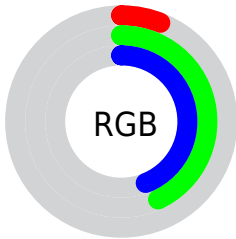
<b>Format</b>	<b>Color</b>
<b>RYB</b>	15, 63, 112
Decimal	1011056
CIELab	41.55, -23.66, -8.97
CIELCh	42, 25.301, 200.758
Yxy	12.2087, 0.2259, 0.3210
Android (android.graphics.Color)	4279201136 (0xFF0F6D70)
YUV	81.2360, 15.1667, -58.0890
Hunter-Lab	34.9409, -17.2622, -4.7834

# Details

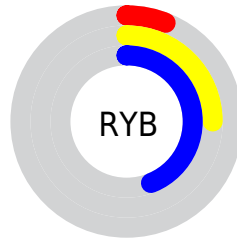
The Hex color **0F6D70** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **70120F**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **51A1A4**, and **003D40** is the 20% darker color. If you saturate the color by 10%, you get **046D70**, and if you desaturate by 10%, it is **1A6D70**.

# Distribution



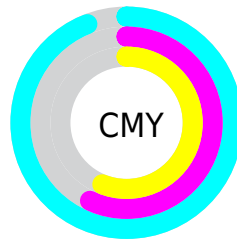
- Red (6%)
- Green (43%)
- Blue (44%)



- Red (6%)
- Yellow (25%)
- Blue (44%)



- Cyan (87%)
- Magenta (3%)
- Yellow (0%)
- Black (56%)



- Cyan (94%)
- Magenta (57%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0F6D70 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 0F6D70 by changing the saturation by 10% instead.



0F6D70

0F6D70

FFFFFF

005458

51A1A4

003D40

6DBCBF

00272A

88D8DB

000C16

A5F5F7

000000

C1FFFF

DEFFFF

FCFFFF

0F6D70

0F6D70

■ 046D70

■ 1A6D70

■ 006D70

■ 256E70

■ 316E70

■ 3C6E70

■ 476F70

■ 526F70

■ 5D6F70

■ 697070

■ 747070

# Harmonies

## Analogous

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



2E6D5B



0F6D70



136B82

# Triad

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



0F6D70



76577C



755F39

# Complementary

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



0F6D70



70120F

# 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.



845743



0F6D70



865269

# Square

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



0F6D70



5B5F89



8B5254



61653A

# Rectangle

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



0F6D70



2C6889



8B5254



7B5C3B



# Sweetspot

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



0F6D70



6C9091



0F7011



33494A



C9C9C9



4A4A4A



# Same Dimension

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



0F6D70



008D91



0F3E70



323838



007478



00F0F7



# Inverse Universe

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



700F6D



91008D



70410F



383238



780074



F700F0



# Previews

## White Background



This preview shows how the Hex color 0F6D70 looks on a white background.

## Color Contrast Check

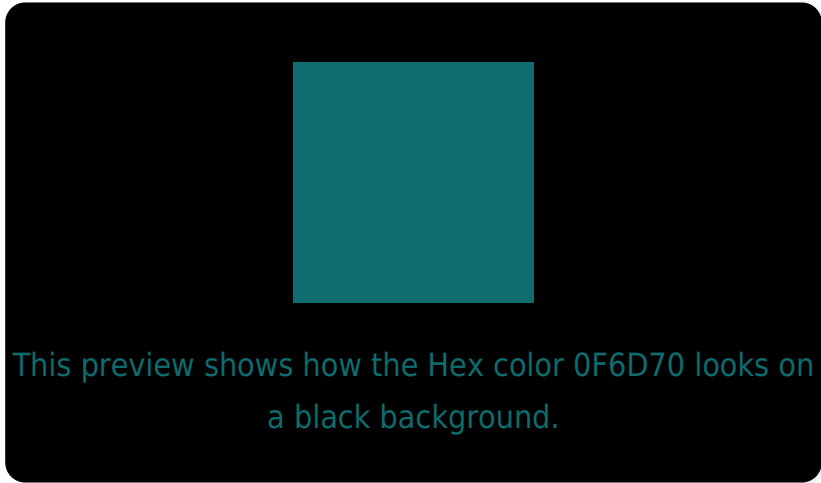
Large Text (above 18pt) WCAG AA ✓ Pass

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

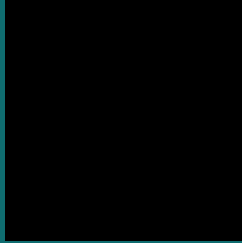
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0F6D70 Background



This preview shows how black text looks on a background with the Hex color 0F6D70.

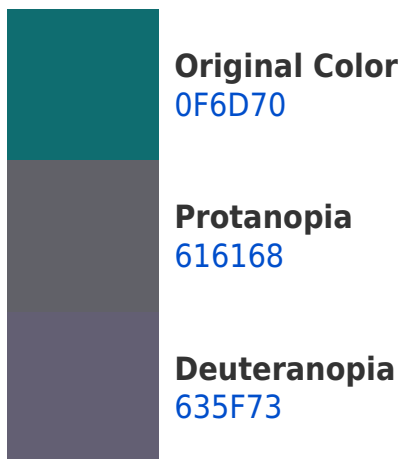


This preview shows how white text looks on a background with the Hex color 0F6D70.

# 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



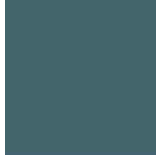


**Tritanopia**  
166C75

# Trichromacy



**Original Color**  
0F6D70



**Protanomaly**  
43656B



**Deuteranomaly**  
446472



**Tritanomaly**  
136C73

# Monochromacy



**Original Color**  
0F6D70



**Achromatopsia**  
515151



**Achromatomaly**  
395B5C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0F6D70 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 #0F6D70 looks like.

```
.text, #text, p{  
    color:#0F6D70  
}
```

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 #0F6D70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F6D70
}
```

## Border

The CSS property to change the border of an element to Hex 0F6D70 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
#0F6D70 }
```

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

```
.border{ border-color:#0F6D70 }
```

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

Here you see how a box with a 4 pixel #0F6D70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F6D70; -webkit-box-shadow:4px 4px  
4px 4px #0F6D70; box-shadow:4px 4px 4px  
4px #0F6D70 }
```

# Background

The CSS property to change the background color of an element to Hex 0F6D70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F6D70 }
```

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

```
.background{ background-color:#0F6D70 }
```

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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