

Converting Colors

Hex(0F6C74)

Have a look what the booklet for
Hex(0F6C74) contains.

Hex(0F6C74)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0F6C74)

Conversions

Conversions Part 1

Format	Color
Hex	0F6C74
RGB	15, 108, 116
RGB Percent	6%, 42%, 45%
CMY	0.9412, 0.5765, 0.5451
CMYK	0.87, 0.07, 0.00, 0.55
HSL	185°, 77%, 26%
HSV	185°, 87%, 45%
XYZ	8.7119, 12.0876, 18.3970
YIQ	81.1050, -57.9960, -17.2280

Conversions

Conversions Part 2

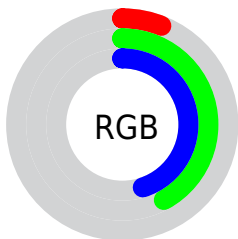
Format	Color
RYB	15, 63, 116
Decimal	1010804
CIELab	41.36, -21.78, -11.68
CIElCh	41, 24.715, 208.200
Yxy	12.0876, 0.2223, 0.3084
Android (android.graphics.Color)	4279200884 (0xFF0F6C74)
YUV	81.1050, 17.2032, -57.9741
Hunter-Lab	34.7673, -16.1144, -7.0360

Details

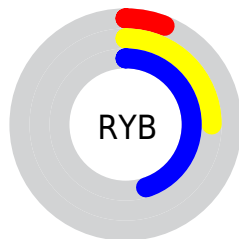
The Hex color **0F6C74** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **74170F**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **51A0A8**, and **003C44** is the 20% darker color. If you saturate the color by 10%, you get **036B74**, and if you desaturate by 10%, it is **1B6D74**.

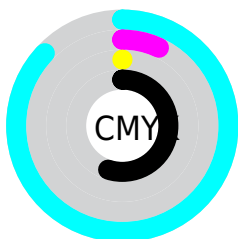
Distribution



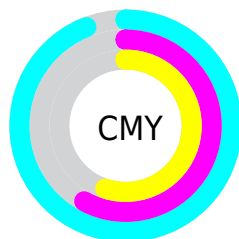
- Red (6%)
- Green (42%)
- Blue (45%)



- Red (6%)
- Yellow (25%)
- Blue (45%)



- Cyan (87%)
- Magenta (7%)
- Yellow (0%)
- Black (55%)



- Cyan (94%)
- Magenta (58%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F6C74 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 0F6C74 by changing the saturation by 10% instead.



0F6C74



0F6C74

FFFFFF



00535B



51A0A8



003C44



6DBBC3



00262E



89D7DF



000B1A



A5F3FC



000000



C2FFFF



DFFFFFF



FCFFFF



0F6C74



0F6C74

036B74

1B6D74

006B74

266E74

326F74

3D7074

497174

557274

607274

6C7374

777474

Harmonies

Analogous

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



286C60



0F6C74



1F6983

Triad

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



0F6C74



7A5677



706039

Complementary

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



0F6C74



74170F

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.



805940



0F6C74



875264

Square

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



0F6C74



625D85



89534F



5B663D

Rectangle

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



0F6C74



376689



89534F



765E3A

Sweetspot

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



0F6C74



6F9396



0F7416



354B4D



CCCCCC



4D4D4D

Same Dimension

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



0F6C74



008B96



0F3B74



353A3B



00717A



00E6FA

Inverse Universe

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



740F6C



96008B



74480F



3B353A



7A0071



FA00E6

Previews

White Background



This preview shows how the Hex color 0F6C74 looks on a white background.

Color Contrast Check

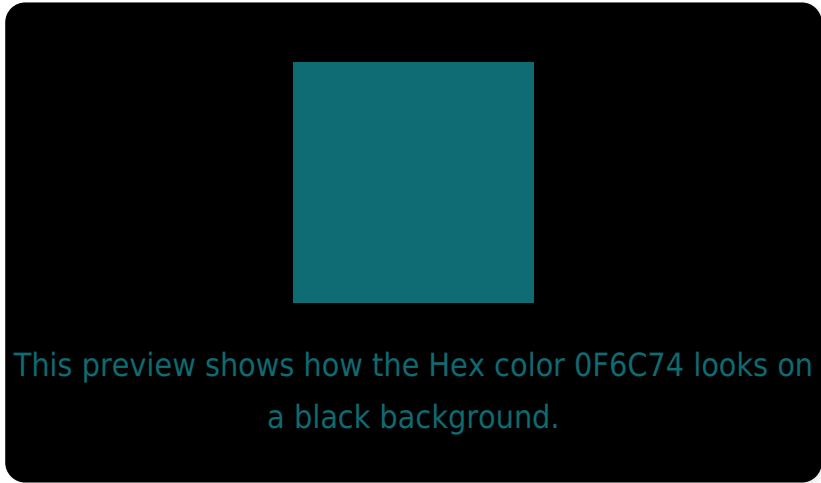
Large Text (above 18pt) WCAG AA ✓ Pass

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

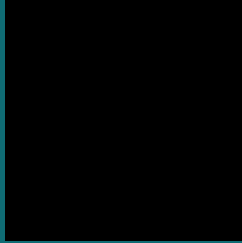
Any Text WCAG AA × Fail

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 0F6C74 Background



This preview shows how black text looks on a background with the Hex color 0F6C74.

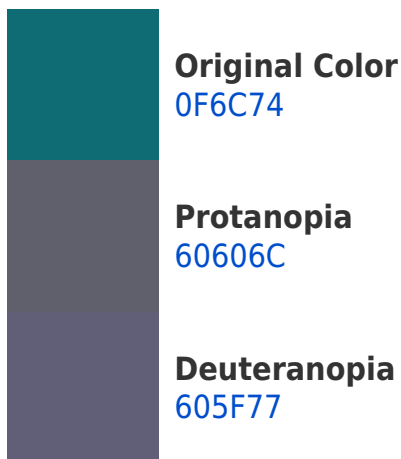


This preview shows how white text looks on a background with the Hex color 0F6C74.

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
106C75

Trichromacy



Original Color
0F6C74

Protanomaly
43646F

Deuteranomaly
436476

Tritanomaly
106C75

Monochromacy



Original Color
0F6C74

Achromatopsia
515151

Achromatomaly
395B5E

CSS Examples

Text

The CSS property to change the color of the text to Hex 0F6C74 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 #0F6C74 looks like.

```
.text, #text, p{  
    color:#0F6C74  
}
```

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 #0F6C74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F6C74
}
```

Border

The CSS property to change the border of an element to Hex 0F6C74 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
#0F6C74 }
```

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

```
.border{ border-color:#0F6C74 }
```

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

Here you see how a box with a 4 pixel #0F6C74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F6C74; -webkit-box-shadow:4px 4px  
4px 4px #0F6C74; box-shadow:4px 4px 4px  
4px #0F6C74 }
```

Background

The CSS property to change the background color of an element to Hex 0F6C74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F6C74 }
```

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

```
.background{ background-color:#0F6C74 }
```

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