

# Converting Colors

Hex(0C6A74)

Have a look what the booklet for  
Hex(0C6A74) contains.

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# Color

Hex(0C6A74)

# Conversions

## Conversions Part 1

Format	Color
Hex	0C6A74
RGB	12, 106, 116
RGB Percent	5%, 42%, 45%
CMY	0.9529, 0.5843, 0.5451
CMYK	0.90, 0.09, 0.00, 0.55
HSL	186°, 81%, 25%
HSV	186°, 90%, 45%
XYZ	8.4580, 11.6472, 18.3253
YIQ	79.0340, -59.2340, -16.8180

# Conversions

## Conversions Part 2

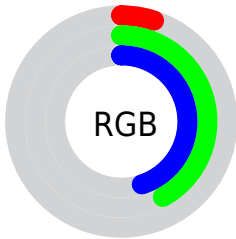
<b>Format</b>	<b>Color</b>
<b>RYB</b>	12, 61, 116
Decimal	813684
CIELab	40.65, -20.95, -12.75
CIELCh	41, 24.528, 211.323
Yxy	11.6472, 0.2201, 0.3031
Android (android.graphics.Color)	4279003764 (0xFF0C6A74)
YUV	79.0340, 18.2242, -58.7888
Hunter-Lab	34.1280, -15.4858, -7.9468

# Details

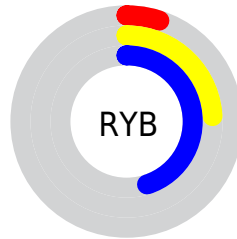
The Hex color **0C6A74** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **74160C**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **509EA8**, and **003A44** is the 20% darker color. If you saturate the color by 10%, you get **006974**, and if you desaturate by 10%, it is **186B74**.

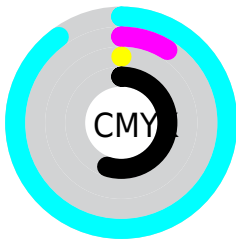
# Distribution



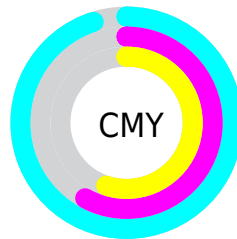
- Red (5%)
- Green (42%)
- Blue (45%)



- Red (5%)
- Yellow (24%)
- Blue (45%)



- Cyan (90%)
- Magenta (9%)
- Yellow (0%)
- Black (55%)



- Cyan (95%)
- Magenta (58%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0C6A74 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 0C6A74 by changing the saturation by 10% instead.



0C6A74

0C6A74

FFFFFF

00525B

509EA8

003A44

6CB9C3

00242E

88D4DF

00061A

A4F1FC

000000

C0FFFF

DDFFFF

FBFFFF

0C6A74

0C6A74

006974

186B74

236C74

2F6D74

3A6E74

467074

527174

5D7274

697374

747474

# Harmonies

## Analogous

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



246B60



0C6A74



216783

# Triad

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



0C6A74



7A5473



6C5F37

# Complementary

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



0C6A74



74160C

# 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.



7D583D



0C6A74



865060

# Square

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



0C6A74



635A82



86524C



57653D

# Rectangle

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



0C6A74



396487



86524C



725D38



# Sweetspot

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



0C6A74



6E9396



0C7415



344A4D



CCCCCC



4D4D4D



# Same Dimension

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



0C6A74



008896



0C3774



353A3B



006F7A



00E2FA



# Inverse Universe

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



740C6A



960088



74490C



3B353A



7A006F



FA00E2



# Previews

## White Background



This preview shows how the Hex color 0C6A74 looks on a white background.

## Color Contrast Check

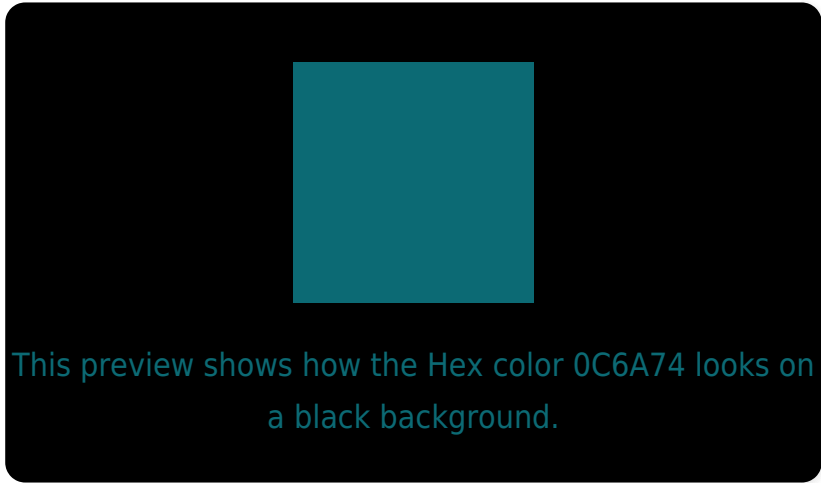
Large Text (above 18pt) WCAG AA ✓ Pass

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

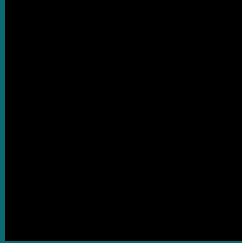
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0C6A74 Background



This preview shows how black text looks on a background with the Hex color 0C6A74.

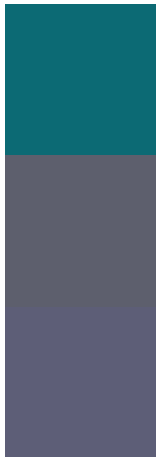


This preview shows how white text looks on a background with the Hex color 0C6A74.

# 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**  
0C6A74

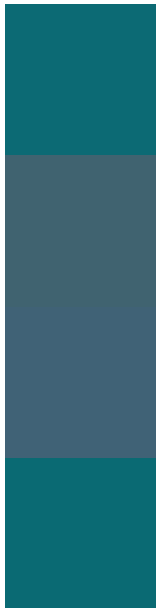
**Protanopia**  
5D5F6D

**Deuteranopia**  
5D5E77



**Tritanopia**  
096A73

# Trichromacy



**Original Color**  
0C6A74

**Protanomaly**  
406370

**Deuteranomaly**  
406276

**Tritanomaly**  
0A6A73

# Monochromacy



**Original Color**  
0C6A74

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
37595C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0C6A74 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 #0C6A74 looks like.

```
.text, #text, p{  
    color:#0C6A74  
}
```

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 #0C6A74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C6A74
}
```

## Border

The CSS property to change the border of an element to Hex 0C6A74 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
#0C6A74 }
```

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

```
.border{ border-color:#0C6A74 }
```

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

Here you see how a box with a 4 pixel #0C6A74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C6A74; -webkit-box-shadow:4px 4px  
4px 4px #0C6A74; box-shadow:4px 4px 4px  
4px #0C6A74 }
```

# Background

The CSS property to change the background color of an element to Hex 0C6A74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C6A74 }
```

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

```
.background{ background-color:#0C6A74 }
```

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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