

# Converting Colors

Hex(0F6D6B)

Have a look what the booklet for  
Hex(0F6D6B) contains.

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# Color

**Hex(0F6D6B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0F6D6B
RGB	15, 109, 107
RGB Percent	6%, 43%, 42%
CMY	0.9412, 0.5725, 0.5804
CMYK	0.86, 0.00, 0.02, 0.57
HSL	179°, 76%, 24%
HSV	179°, 86%, 43%
XYZ	8.3195, 12.1004, 15.8070
YIQ	80.6660, -55.3820, -20.5500

# Conversions

## Conversions Part 2

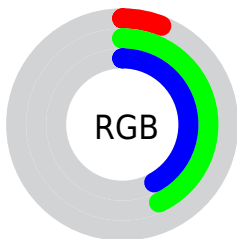
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	15, 63, 109
Decimal	1011051
CIE <sub>Lab</sub>	41.38, -25.31, -6.19
CIE <sub>LCh</sub>	41, 26.052, 193.748
Yxy	12.1004, 0.2296, 0.3340
Android (android.graphics.Color)	4279201131 (0xFF0F6D6B)
YUV	80.6660, 12.9827, -57.5891
Hunter-Lab	34.7856, -18.1839, -2.5923

# Details

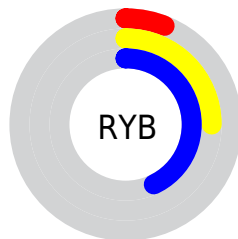
The Hex color **0F6D6B** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6D0F11**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **50A19E**, and **003D3C** is the 20% darker color. If you saturate the color by 10%, you get **046D6B**, and if you desaturate by 10%, it is **1A6D6B**.

# Distribution



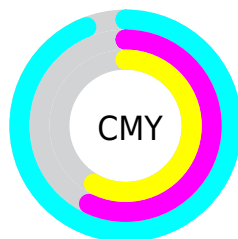
- Red (6%)
- Green (43%)
- Blue (42%)



- Red (6%)
- Yellow (25%)
- Blue (43%)



- Cyan (86%)
- Magenta (0%)
- Yellow (2%)
- Black (57%)



- Cyan (94%)
- Magenta (57%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0F6D6B 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 0F6D6B by changing the saturation by 10% instead.



 0F6D6B

 0F6D6B

FFFFFF

 005453

 50A19E

 003D3C

 6CBCB9

 002726

 88D8D5

 000A12

 A4F5F1

 000000

 C0FFFF

 DDFFFF

 FAFFFF

 0F6D6B

 0F6D6B

■ 046D6B

■ 1A6D6B

■ 006D6B

■ 256D6B

■ 306D6C

■ 3B6D6C

■ 466D6C

■ 506D6C

■ 5B6D6D

■ 666D6D

■ 716D6D

# Harmonies

## Analogous

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



326C55



0F6D6B



006B7E

# Triad

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



0F6D6B



705881



7A5C39

# Complementary

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



0F6D6B



6D0F11

# 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.



875545



0F6D6B



84526E

# Square

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



0F6D6B



52608B



8B5158



666337

# Rectangle

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



0F6D6B



1E6987



8B5158



7F5A3C



# Sweetspot

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



0F6D6B



6A8F8E



126D0F



314747



C7C7C7



474747



# Same Dimension

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



0F6D6B



008F8C



0F416D



303635



007573



00F5F0



# Inverse Universe

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



6D0F11



8F0003



6D3B0F



363030



750002



F50005



# Previews

## White Background



This preview shows how the Hex color 0F6D6B looks on a white background.

## Color Contrast Check

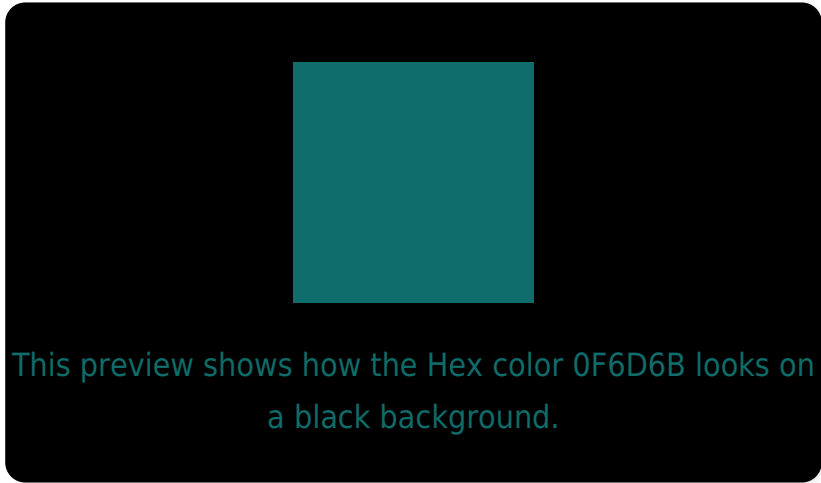
Large Text (above 18pt) WCAG AA ✓ Pass

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

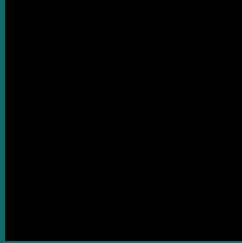
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0F6D6B Background



This preview shows how black text looks on a background with the Hex color 0F6D6B.

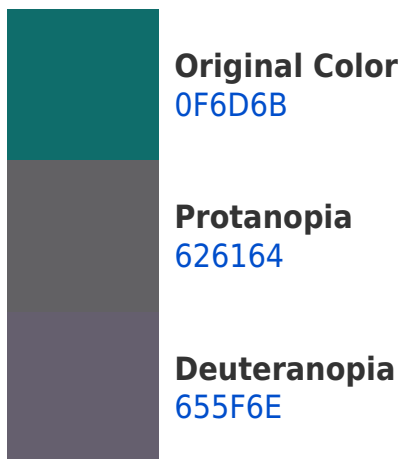



This preview shows how white text looks on a background with the Hex color 0F6D6B.

# 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](#).

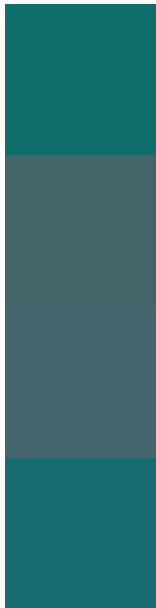
## Dichromacy





**Tritanopia**  
1A6C74

# Trichromacy



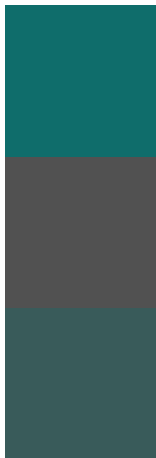
**Original Color**  
0F6D6B

**Protanomaly**  
446567

**Deuteranomaly**  
46646D

**Tritanomaly**  
166C71

# Monochromacy



**Original Color**  
0F6D6B

**Achromatopsia**  
515151

**Achromatomaly**  
395B5A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0F6D6B 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 #0F6D6B looks like.

```
.text, #text, p{  
    color:#0F6D6B  
}
```

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 #0F6D6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F6D6B
}
```

## Border

The CSS property to change the border of an element to Hex 0F6D6B 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
#0F6D6B }
```

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

```
.border{ border-color:#0F6D6B }
```

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

Here you see how a box with a 4 pixel #0F6D6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F6D6B; -webkit-box-shadow:4px 4px  
4px 4px #0F6D6B; box-shadow:4px 4px 4px  
4px #0F6D6B }
```

# Background

The CSS property to change the background color of an element to Hex 0F6D6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F6D6B }
```

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

```
.background{ background-color:#0F6D6B }
```

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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