

# Converting Colors

Hex(0F816B)

Have a look what the booklet for  
Hex(0F816B) contains.

<b>Hex(0F816B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(0F816B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0F816B
RGB	15, 129, 107
RGB Percent	6%, 51%, 42%
CMY	0.9412, 0.4941, 0.5804
CMYK	0.88, 0.00, 0.17, 0.49
HSL	168°, 79%, 28%
HSV	168°, 88%, 51%
XYZ	10.7011, 16.8636, 16.6009
YIQ	92.4060, -60.8820, -31.0100

# Conversions

## Conversions Part 2

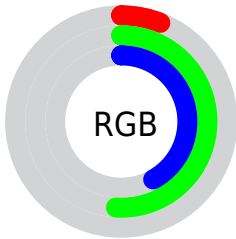
<b>Format</b>	<b>Color</b>
<b>RYB</b>	15, 78, 129
Decimal	1016171
CIELab	48.09, -34.81, 3.65
CIELCh	48, 34.996, 174.011
Yxy	16.8636, 0.2423, 0.3818
Android (android.graphics.Color)	4279206251 (0xFF0F816B)
YUV	92.4060, 7.1948, -67.8851
Hunter-Lab	41.0653, -25.3495, 4.7774

# Details

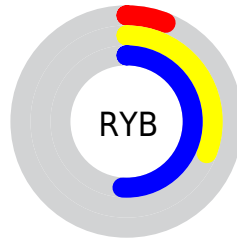
The Hex color **0F816B** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **810F25**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **54B79E**, and **004F3C** is the 20% darker color. If you saturate the color by 10%, you get **028169**, and if you desaturate by 10%, it is **1C816D**.

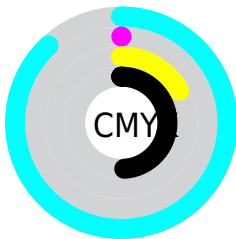
# Distribution



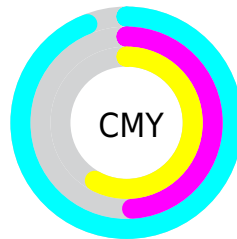
- Red (6%)
- Green (51%)
- Blue (42%)



- Red (6%)
- Yellow (31%)
- Blue (51%)



- Cyan (88%)
- Magenta (0%)
- Yellow (17%)
- Black (49%)



- Cyan (94%)
- Magenta (49%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0F816B 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 0F816B by changing the saturation by 10% instead.



 0F816B

 0F816B

FFFFFF

 006753

 54B79E

 004F3C

 71D3B9

 003726

 8DEFD5

 002311

 AAFF1

 000000

 C7FFF

 E4FFF

 0F816B

 0F816B

 028169

 1C816D

■ 008168

■ 298170

■ 368172

■ 438175

■ 508177

■ 5C817A

■ 69817C

■ 76817F

■ 838181

# Harmonies

## Analogous

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



497E4E



0F816B



008189

# Triad

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



0F816B



6C6DA8



9F6443

# Complementary

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



0F816B



810F25

# 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.



AA5B5C



0F816B



916295

# Square

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



0F816B



3277AD



A65A79



896E36

# Rectangle

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



0F816B



007F9A



A65A79



A4604A



# Sweetspot

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



0F816B



7BA8A0



26810F



39544F



D4D4D4



545454



# Same Dimension

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



0F816B



00A888



0F5F81



39403F



008067



000000



# Inverse Universe

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



810F25



A80020



81310F



40393B



800019



000000



# Previews

## White Background



This preview shows how the Hex color 0F816B looks on a white background.

## Color Contrast Check

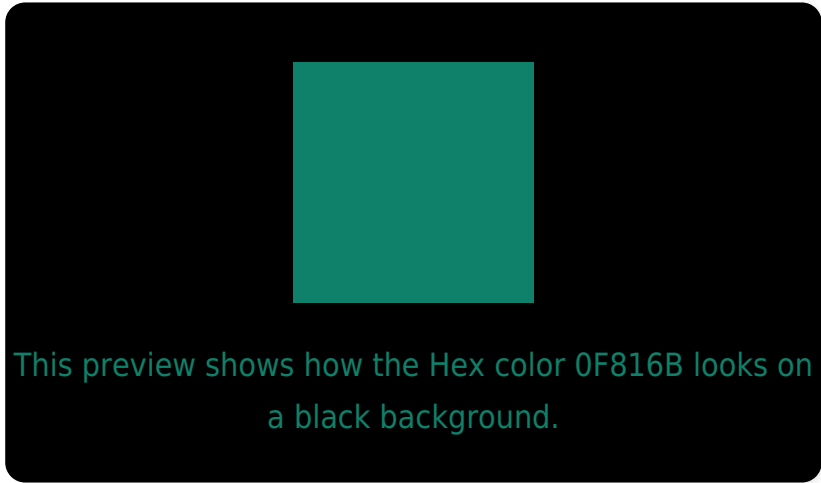
Large Text (above 18pt) WCAG AA ✓ Pass

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

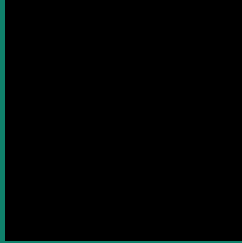
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0F816B Background



This preview shows how black text looks on a background with the Hex color 0F816B.

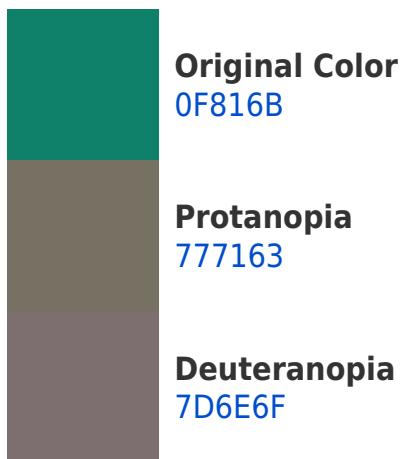


This preview shows how white text looks on a background with the Hex color 0F816B.

# 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**  
287D87

# Trichromacy



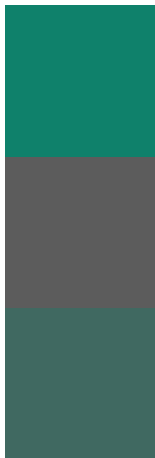
**Original Color**  
0F816B

**Protanomaly**  
517766

**Deuteranomaly**  
55756E

**Tritanomaly**  
1F7E7D

# Monochromacy



**Original Color**  
0F816B

**Achromatopsia**  
5C5C5C

**Achromatomaly**  
406961

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0F816B 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 #0F816B looks like.

```
.text, #text, p{  
    color:#0F816B  
}
```

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 #0F816B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F816B
}
```

## Border

The CSS property to change the border of an element to Hex 0F816B 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
#0F816B }
```

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

```
.border{ border-color:#0F816B }
```

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

Here you see how a box with a 4 pixel #0F816B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F816B; -webkit-box-shadow:4px 4px  
4px 4px #0F816B; box-shadow:4px 4px 4px  
4px #0F816B }
```

# Background

The CSS property to change the background color of an element to Hex 0F816B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F816B }
```

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

```
.background{ background-color:#0F816B }
```

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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