

# Converting Colors

Hex(0C7C6B)

Have a look what the booklet for  
Hex(0C7C6B) contains.

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# Color

**Hex(0C7C6B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0C7C6B
RGB	12, 124, 107
RGB Percent	5%, 49%, 42%
CMY	0.9529, 0.5137, 0.5804
CMYK	0.90, 0.00, 0.14, 0.51
HSL	171°, 82%, 27%
HSV	171°, 90%, 49%
XYZ	10.0131, 15.5550, 16.3846
YIQ	88.5740, -61.2950, -29.0310

# Conversions

## Conversions Part 2

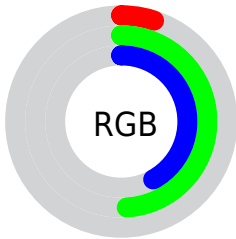
<b>Format</b>	<b>Color</b>
<b>RYB</b>	12, 73, 124
Decimal	818283
CIELab	46.39, -32.76, 1.18
CIELCh	46, 32.777, 177.934
Yxy	15.5550, 0.2387, 0.3708
Android (android.graphics.Color)	4279008363 (0xFF0C7C6B)
YUV	88.5740, 9.0840, -67.1554
Hunter-Lab	39.4398, -23.7015, 2.9769

# Details

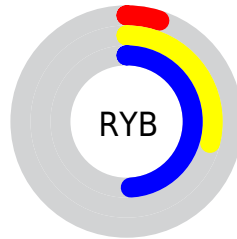
The Hex color **0C7C6B** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7C0C1D**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **52B19E**, and **004A3C** is the 20% darker color. If you saturate the color by 10%, you get **007C69**, and if you desaturate by 10%, it is **187C6D**.

# Distribution



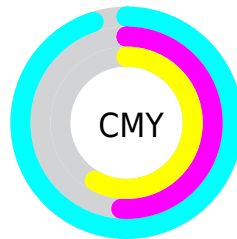
- Red (5%)
- Green (49%)
- Blue (42%)



- Red (5%)
- Yellow (29%)
- Blue (49%)



- Cyan (90%)
- Magenta (0%)
- Yellow (14%)
- Black (51%)



- Cyan (95%)
- Magenta (51%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0C7C6B 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 0C7C6B by changing the saturation by 10% instead.



 0C7C6B

 0C7C6B

FFFFFF

 006353

 52B19E

 004A3C

 6FCDB9

 003326

 8BE9D5

 001F11

 A7FFF1

 000000

 C4FFFF

 E1FFFF


 0C7C6B

 0C7C6B

 007C69

 187C6D

 257C6F

 317C71

 3E7C73

 4A7C74

 567C76

 637C78

 6F7C7A

 7C7C7C

# Harmonies

## Analogous

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



437950



0C7C6B



007C87

# Triad

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



0C7C6B



6D679E



966240

# Complementary

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



0C7C6B



7C0C1D

# 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.



A25A56



0C7C6B



8E5D8B

# Square

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



0C7C6B



3D71A5



A05871



816C36

# Rectangle

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



0C7C6B



007A96



A05871



9B5F46



# Sweetspot

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



0C7C6B



75A19A



1F7C0C



37524E



D1D1D1



525252



# Same Dimension

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



0C7C6B



00A188



0C577C



373D3C



007D6A



00FCD6



# Inverse Universe

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



7C0C1D



A10018



7C310C



3D3738



7D0013



FC0026



# Previews

## White Background



This preview shows how the Hex color 0C7C6B looks on a white background.

## Color Contrast Check

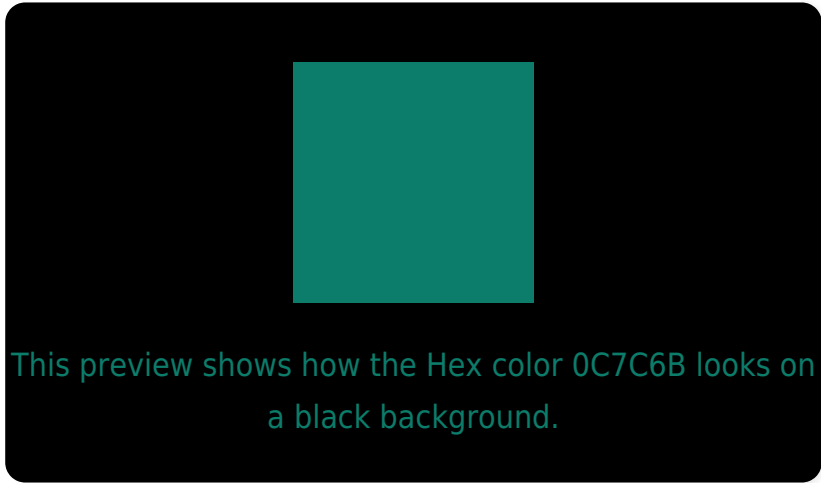
Large Text (above 18pt) WCAG AA ✓ Pass

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

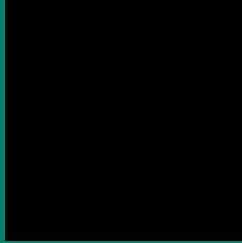
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0C7C6B Background



This preview shows how black text looks on a background with the Hex color 0C7C6B.

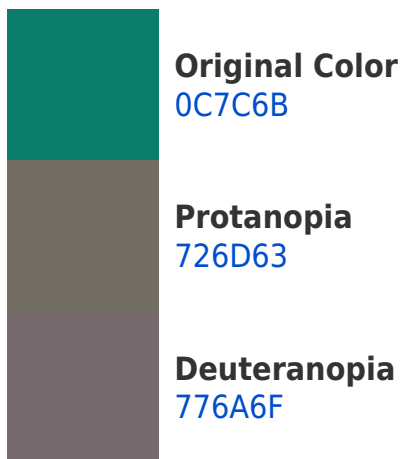


This preview shows how white text looks on a background with the Hex color 0C7C6B.

# 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





# Trichromacy



**Original Color**  
0C7C6B



**Protanomaly**  
4D7266



**Deuteranomaly**  
50716E



**Tritanomaly**  
1B7A7A

# Monochromacy



**Original Color**  
0C7C6B



**Achromatopsia**  
595959



**Achromatomaly**  
3D6660

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0C7C6B 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 #0C7C6B looks like.

```
.text, #text, p{  
    color:#0C7C6B  
}
```

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 #0C7C6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C7C6B
}
```

## Border

The CSS property to change the border of an element to Hex 0C7C6B 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
#0C7C6B }
```

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

```
.border{ border-color:#0C7C6B }
```

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

Here you see how a box with a 4 pixel #0C7C6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C7C6B; -webkit-box-shadow:4px 4px  
4px 4px #0C7C6B; box-shadow:4px 4px 4px  
4px #0C7C6B }
```

# Background

The CSS property to change the background color of an element to Hex 0C7C6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C7C6B }
```

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

```
.background{ background-color:#0C7C6B }
```

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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