

# Converting Colors

Hex(7B796D)

Have a look what the booklet for  
Hex(7B796D) contains.

<b>Hex(7B796D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(7B796D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B796D
RGB	123, 121, 109
RGB Percent	48%, 47%, 43%
CMY	0.5176, 0.5255, 0.5725
CMYK	0.00, 0.02, 0.11, 0.52
HSL	51°, 6%, 45%
HSV	51°, 11%, 48%
XYZ	17.7661, 18.9898, 17.1970
YIQ	120.2300, 5.0440, -3.3080

# Conversions

## Conversions Part 2

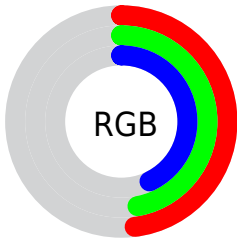
<b>Format</b>	<b>Color</b>
<b>RYB</b>	111, 123, 109
Decimal	8092013
CIELab	50.68, -1.51, 6.85
CIElCh	51, 7.013, 102.442
Yxy	18.9898, 0.3293, 0.3520
Android (android.graphics.Color)	4286282093 (0xFF7B796D)
YUV	120.2300, -5.5364, 2.4293
Hunter-Lab	43.5773, -3.4875, 7.1064

# Details

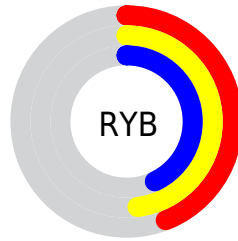
The Hex color **7B796D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6D6F7B**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **AFADA0**, and **4A493E** is the 20% darker color. If you saturate the color by 10%, you get **7B7761**, and if you desaturate by 10%, it is **7B7B79**.

# Distribution



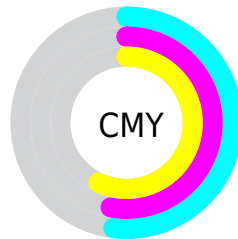
- Red (48%)
- Green (47%)
- Blue (43%)



- Red (44%)
- Yellow (48%)
- Blue (43%)



- Cyan (0%)
- Magenta (2%)
- Yellow (11%)
- Black (52%)



- Cyan (52%)
- Magenta (53%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B796D 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 7B796D by changing the saturation by 10% instead.





7B796D



7B796D

FFFFFF



626055



AFADA0



4A493E



CBC9BB



343228



E7E5D7



1E1D13



FFFFF4



000400



000000



7B796D



7B796D



7B7761



7B7B79



7B7554



7B7D86

 7B7448

 7B7E92

 7B723C

 7B809E

 7B702F

 7B82AB

 7B6E23

 7B84B7

 7B6D17

 7B85C3

 7B6B0B

 7B87CF

 7B6900

 7B89DC

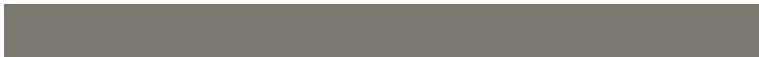
# Harmonies

## Analogous

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



81776D



7B796D



747B70

# Triad

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



7B796D



6B7C80



83757C

# Complementary

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



7B796D



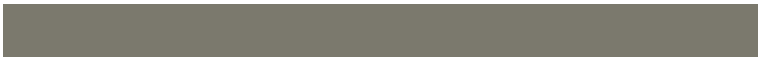
6D6F7B

# 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.



7D7681



7B796D



6F7A84

# Square

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



7B796D



6A7C7B



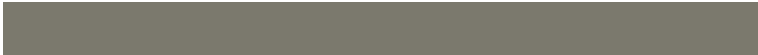
767884



867576

# Rectangle

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



7B796D



707C73



767884



81757E



# Sweetspot

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



7B796D



A1A09C



7B6D6F



52514E



D1D1D1



525252



# Same Dimension

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



7B796D



A19D8A



767B6D



3D3C37



7D6B00



FCD800



# Inverse Universe

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



6D6F7B



8A8DA1



726D7B



37383D



00127D



0024FC



# Previews

## White Background



This preview shows how the Hex color 7B796D looks on a white 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

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

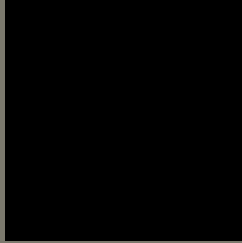
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

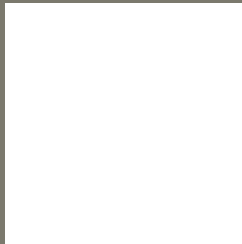
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7B796D Background



This preview shows how black text looks on a background with the Hex color 7B796D.

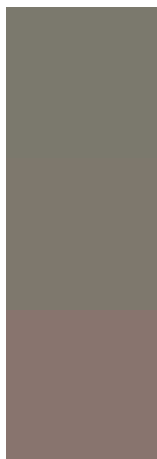


This preview shows how white text looks on a background with the Hex color 7B796D.

# 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**

7B796D

**Protanopia**

7E786D

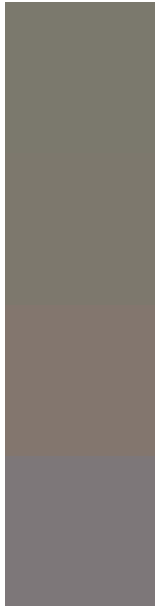
**Deuteranopia**

88746E



**Tritanopia**  
7E7680

# Trichromacy



**Original Color**  
7B796D

**Protanomaly**  
7D786D

**Deuteranomaly**  
83766E

**Tritanomaly**  
7D7779

# Monochromacy



**Original Color**  
7B796D

**Achromatopsia**  
787878

**Achromatomaly**  
797874

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B796D 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 #7B796D looks like.

```
.text, #text, p{  
    color:#7B796D  
}
```

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 #7B796D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B796D
}
```

## Border

The CSS property to change the border of an element to Hex 7B796D 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
#7B796D }
```

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

```
.border{ border-color:#7B796D }
```

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

Here you see how a box with a 4 pixel #7B796D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B796D; -webkit-box-shadow:4px 4px  
4px 4px #7B796D; box-shadow:4px 4px 4px  
4px #7B796D }
```

# Background

The CSS property to change the background color of an element to Hex 7B796D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B796D }
```

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

```
.background{ background-color:#7B796D }
```

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