

# Converting Colors

Hex(7C796F)

Have a look what the booklet for  
Hex(7C796F) contains.

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# Color

Hex(7C796F)

# Conversions

## Conversions Part 1

Format	Color
Hex	7C796F
RGB	124, 121, 111
RGB Percent	49%, 47%, 44%
CMY	0.5137, 0.5255, 0.5647
CMYK	0.00, 0.02, 0.10, 0.51
HSL	46°, 6%, 46%
HSV	46°, 10%, 49%
XYZ	18.0188, 19.1075, 17.7774
YIQ	120.7570, 4.9980, -2.4740

# Conversions

## Conversions Part 2

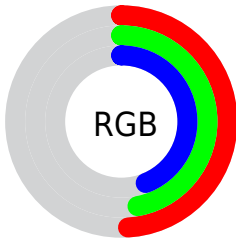
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 124, 111
Decimal	8157551
CIE Lab	50.81, -0.75, 5.88
CIE LCh	51, 5.931, 97.307
Yxy	19.1075, 0.3282, 0.3480
Android (android.graphics.Color)	4286347631 (0xFF7C796F)
YUV	120.7570, -4.8102, 2.8441
Hunter-Lab	43.7122, -2.9159, 6.4858

# Details

The Hex color **7C796F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6F727C**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **B1ADA3**, and **4B493F** is the 20% darker color. If you saturate the color by 10%, you get **7C7663**, and if you desaturate by 10%, it is **7C7C7B**.

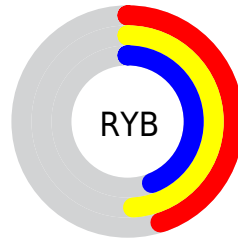
# Distribution



Red (49%)

Green (47%)

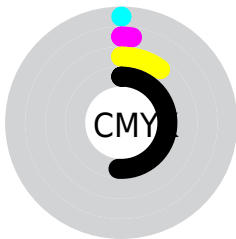
Blue (44%)



Red (45%)

Yellow (49%)

Blue (44%)

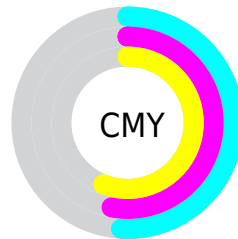


Cyan (0%)

Magenta (2%)

Yellow (10%)

Black (51%)



Cyan (51%)

Magenta (53%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C796F 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 7C796F by changing the saturation by 10% instead.





7C796F



7C796F

FFFFFF



636057



B1ADA3



4B493F



CCC9BE



343229



E8E5D9



1F1D15



FFFFFF6



030300



000000



7C796F



7C796F



7C7663



7C7C7B



7C7356



7C7F88

 7C704A

 7C8294

 7C6E3D

 7C84A1

 7C6B31

 7C87AD

 7C6825

 7C8AB9

 7C6518

 7C8DC6

 7C620C

 7C90D2

 7C5F00

 7C93DF

# Harmonies

## Analogous

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



817770



7C796F



767B71

# Triad

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



7C796F



6D7C7F



81767D

# Complementary

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



7C796F



6F727C

# 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.



7C7781



7C796F



707B82

# Square

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



7C796F



6D7C7A



757983



847678

# Rectangle

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



7C796F



727B73



757983



7F767F



# Sweetspot

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



7C796F



A1A09C



7C6F72



52514E



D1D1D1



525252



# Same Dimension

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



7C796F



A19C8C



797C6F



3D3C37



7D6000



FCC200



# Inverse Universe

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



6F727C



8C91A1



726F7C



37383D



001D7D



003AFC



# Previews

## White Background



This preview shows how the Hex color 7C796F looks on a white background.

## Color Contrast Check

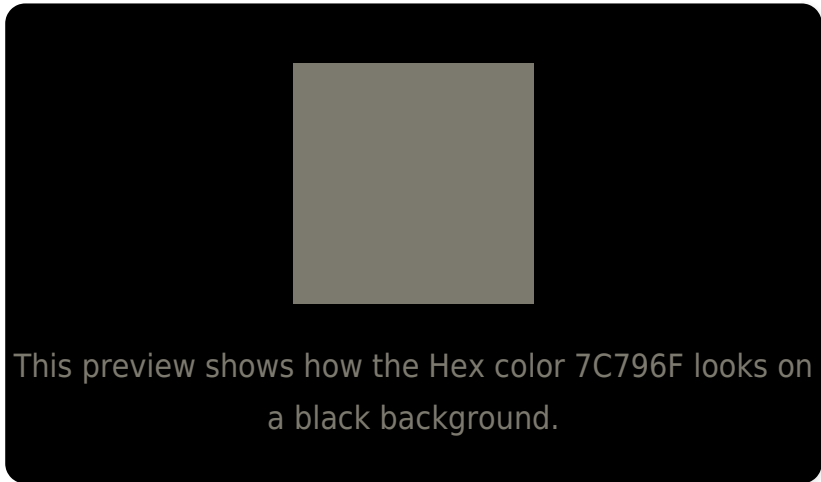
Large Text (above 18pt) WCAG AA ✓ Pass

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

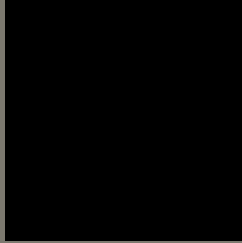
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7C796F Background



This preview shows how black text looks on a background with the Hex color 7C796F.



This preview shows how white text looks on a background with the Hex color 7C796F.

# 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**  
7C796F

**Protanopia**  
7E796F

**Deuteranopia**  
887570



**Tritanopia**  
7E7780

# Trichromacy



**Original Color**  
7C796F

**Protanomaly**  
7D796F

**Deuteranomaly**  
847670

**Tritanomaly**  
7D787A

# Monochromacy



**Original Color**  
7C796F

**Achromatopsia**  
797979

**Achromatomaly**  
7A7975

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C796F 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 #7C796F looks like.

```
.text, #text, p{  
    color:#7C796F  
}
```

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 #7C796F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C796F
}
```

## Border

The CSS property to change the border of an element to Hex 7C796F 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
#7C796F }
```

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

```
.border{ border-color:#7C796F }
```

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

Here you see how a box with a 4 pixel #7C796F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C796F; -webkit-box-shadow:4px 4px  
4px 4px #7C796F; box-shadow:4px 4px 4px  
4px #7C796F }
```

# Background

The CSS property to change the background color of an element to Hex 7C796F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C796F }
```

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

```
.background{ background-color:#7C796F }
```

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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