

# Converting Colors

Hex(7F776F)

Have a look what the booklet for  
Hex(7F776F) contains.

<b>Hex(7F776F)</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(7F776F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7F776F
RGB	127, 119, 111
RGB Percent	50%, 47%, 44%
CMY	0.5020, 0.5333, 0.5647
CMYK	0.00, 0.06, 0.13, 0.50
HSL	30°, 7%, 47%
HSV	30°, 13%, 50%
XYZ	18.2185, 18.8534, 17.7178
YIQ	120.4800, 7.3360, -0.7920

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 127, 111
Decimal	8353647
CIE Lab	50.52, 1.59, 5.49
CIE LCh	51, 5.716, 73.900
Yxy	18.8534, 0.3325, 0.3441
Android (android.graphics.Color)	4286543727 (0xFF7F776F)
YUV	120.4800, -4.6736, 5.7180
Hunter-Lab	43.4205, -1.0904, 6.2010

# Details

The Hex color **7F776F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6F777F**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **B4ABA3**, and **4E473F** is the 20% darker color. If you saturate the color by 10%, you get **7F7162**, and if you desaturate by 10%, it is **7F7D7C**.

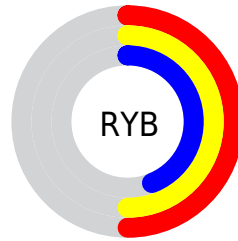
# Distribution



Red (50%)

Green (47%)

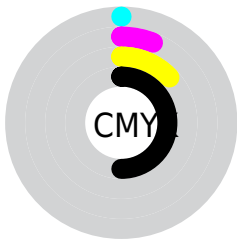
Blue (44%)



Red (50%)

Yellow (50%)

Blue (44%)

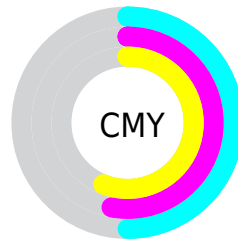


Cyan (0%)

Magenta (6%)

Yellow (13%)

Black (50%)



Cyan (50%)

Magenta (53%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F776F 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 7F776F by changing the saturation by 10% instead.



7F776F

7F776F

FFFFFF

665E57

B4ABA3

4E473F

CFC6BE

373029

ECE2D9

211C15

FFFFF6

070100

000000

7F776F

7F776F

7F7162

7F7D7C

7F6A56

7F8488

 7F6449

 7F8A95

 7F5E3C

 7F90A2

 7F5730

 7F97AF

 7F5123

 7F9DBB

 7F4B16

 7FA3C8

 7F4409

 7FAAD5

 7F4000

 7FB0E1

# Harmonies

## Analogous

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



827672



7F776F



7A796F

# Triad

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



7F776F



6D7B7A



7C767F

# Complementary

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



7F776F



6F777F

# 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.



767882



7F776F



6D7B7F

# Square

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



7F776F



6F7B75



707981



81757B

# Rectangle

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



7F776F



767A70



707981



7A7780



# Sweetspot

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



7F776F



A6A29F



7F6F77



545250



D4D4D4



545454



# Same Dimension

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



7F776F



A6998D



7F7F6F



403D39



804000



000000



# Inverse Universe

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



6F777F



8D99A6



6F6F7F



393D40



004080



000000



# Previews

## White Background



This preview shows how the Hex color 7F776F looks on a white background.

## Color Contrast Check

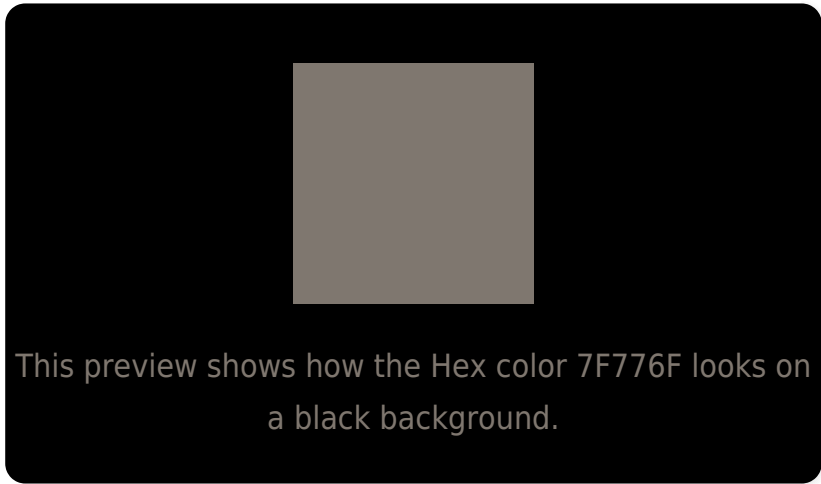
Large Text (above 18pt) WCAG AA ✓ Pass

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

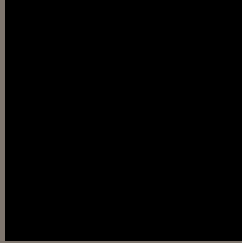
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7F776F Background



This preview shows how black text looks on a background with the Hex color 7F776F.



This preview shows how white text looks on a background with the Hex color 7F776F.

# 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**  
7F776F

**Protanopia**  
7C786F

**Deuteranopia**  
877470



**Tritanopia**  
81757E

# Trichromacy



**Original Color**  
7F776F

**Protanomaly**  
7D786F

**Deuteranomaly**  
847570

**Tritanomaly**  
807679

# Monochromacy



**Original Color**  
7F776F

**Achromatopsia**  
787878

**Achromatomaly**  
7B7875

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F776F 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 #7F776F looks like.

```
.text, #text, p{  
    color:#7F776F  
}
```

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 #7F776F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F776F
}
```

## Border

The CSS property to change the border of an element to Hex 7F776F 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".

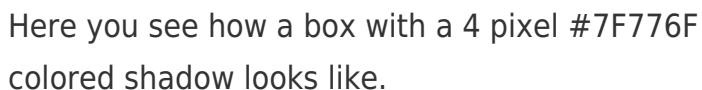
```
.border, #border, table{ border:4px solid
#7F776F }
```

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

```
.border{ border-color:#7F776F }
```

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

Here you see how a box with a 4 pixel #7F776F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F776F; -webkit-box-shadow:4px 4px  
4px 4px #7F776F; box-shadow:4px 4px 4px  
4px #7F776F }
```

# Background

The CSS property to change the background color of an element to Hex 7F776F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F776F }
```

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

```
.background{ background-color:#7F776F }
```

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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