

# Converting Colors

Hex(7D786D)

Have a look what the booklet for  
Hex(7D786D) contains.

<b>Hex(7D786D)</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(7D786D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7D786D
RGB	125, 120, 109
RGB Percent	49%, 47%, 43%
CMY	0.5098, 0.5294, 0.5725
CMYK	0.00, 0.04, 0.13, 0.51
HSL	41°, 7%, 46%
HSV	41°, 13%, 49%
XYZ	17.9342, 18.8970, 17.1703
YIQ	120.2410, 6.5110, -2.3610

# Conversions

## Conversions Part 2

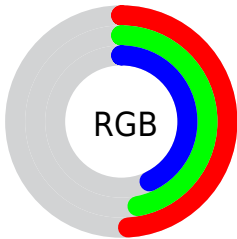
Format	Color
<a href="#">RYB</a>	<a href="#">116, 125, 109</a>
Decimal	<a href="#">8222829</a>
CIELab	<a href="#">50.57, -0.14, 6.72</a>
CIElCh	<a href="#">51, 6.719, 91.219</a>
Yxy	<a href="#">18.8970, 0.3321, 0.3499</a>
Android (android.graphics.Color)	<a href="#">4286412909</a> ( <a href="#">0xFF7D786D</a> )
YUV	<a href="#">120.2410, -5.5418, 4.1736</a>
Hunter-Lab	<a href="#">43.4707, -2.4320, 7.0109</a>

# Details

The Hex color **7D786D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6D727D**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **B2ACA0**, and **4C483E** is the 20% darker color. If you saturate the color by 10%, you get **7D7461**, and if you desaturate by 10%, it is **7D7C7A**.

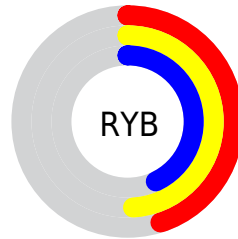
# Distribution



Red (49%)

Green (47%)

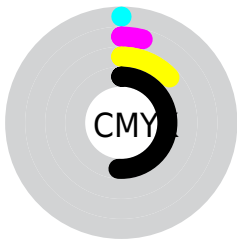
Blue (43%)



Red (45%)

Yellow (49%)

Blue (43%)

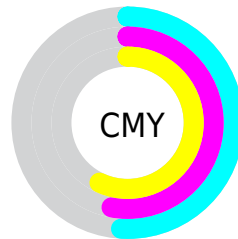


Cyan (0%)

Magenta (4%)

Yellow (13%)

Black (51%)



Cyan (51%)

Magenta (53%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D786D 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 7D786D by changing the saturation by 10% instead.



 7D786D

 7D786D

FFFFFF

 645F55

 B2ACA0

 4C483E

 CDC8BB

 353128

 E9E4D7

 201C13

 FFFFF4

 030200

 000000

 7D786D

 7D786D

 7D7461

 7D7C7A

 7D7054

 7D8086

 7D6C48

 7D8493

 7D683B

 7D889F

 7D642F

 7D8CAC

 7D6122

 7D8FB8

 7D5D16

 7D93C5

 7D5909

 7D97D1

 7D5600

 7D9BDE

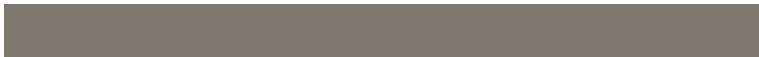
# Harmonies

## Analogous

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



82766F



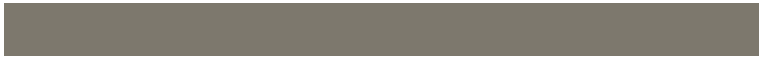
7D786D



767A6F

# Triad

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



7D786D



6A7C7E



80757E

# Complementary

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



7D786D



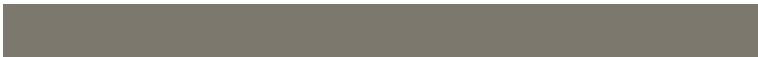
6D727D

# 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.



7A7782



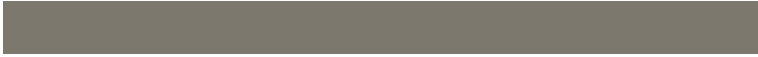
7D786D



6D7A82

# Square

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



7D786D



6C7C78



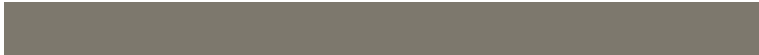
737984



847578

# Rectangle

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



7D786D



727B71



737984

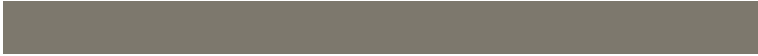


7E7680



# Sweetspot

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



7D786D



A3A19D



7D6D72



52504E



D1D1D1



525252



# Same Dimension

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



7D786D



A39C8B



7A7D6D



403E39



805800



000000



# Inverse Universe

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



6D727D



8B92A3



706D7D



393B40



002880

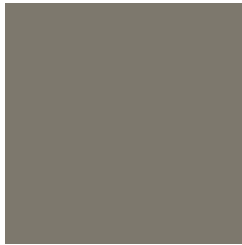


000000



# Previews

## White Background



This preview shows how the Hex color 7D786D 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

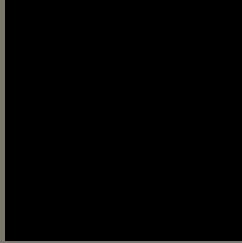
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

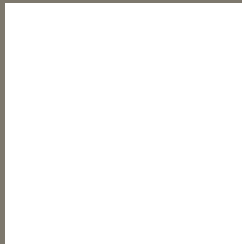
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7D786D Background



This preview shows how black text looks on a background with the Hex color 7D786D.



This preview shows how white text looks on a background with the Hex color 7D786D.

# 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](#).

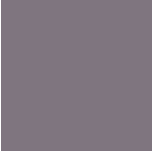
## Dichromacy



**Original Color**  
7D786D

**Protanopia**  
7D786D

**Deuteranopia**  
88746E



**Tritanopia**  
7F757F

# Trichromacy



**Original Color**  
7D786D

**Protanomaly**  
7D786D

**Deuteranomaly**  
84756E

**Tritanomaly**  
7E7678

# Monochromacy



**Original Color**  
7D786D

**Achromatopsia**  
787878

**Achromatomaly**  
7A7874

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D786D 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 #7D786D looks like.

```
.text, #text, p{  
    color:#7D786D  
}
```

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 #7D786D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D786D
}
```

## Border

The CSS property to change the border of an element to Hex 7D786D 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
#7D786D }
```

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

```
.border{ border-color:#7D786D }
```

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

Here you see how a box with a 4 pixel #7D786D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D786D; -webkit-box-shadow:4px 4px  
4px 4px #7D786D; box-shadow:4px 4px 4px  
4px #7D786D }
```

# Background

The CSS property to change the background color of an element to Hex 7D786D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D786D }
```

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

```
.background{ background-color:#7D786D }
```

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