

# Converting Colors

Hex(787E6E)

Have a look what the booklet for  
Hex(787E6E) contains.

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# Color

**Hex(787E6E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	787E6E
RGB	120, 126, 110
RGB Percent	47%, 49%, 43%
CMY	0.5294, 0.5059, 0.5686
CMYK	0.05, 0.00, 0.13, 0.51
HSL	83°, 7%, 46%
HSV	83°, 13%, 49%
XYZ	18.0211, 20.0406, 17.6703
YIQ	122.3820, 1.5600, -6.2480

# Conversions

## Conversions Part 2

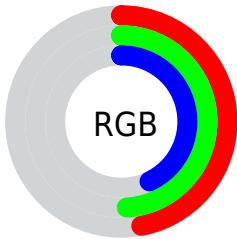
Format	Color
<a href="#">RYB</a>	<a href="#">110, 126, 116</a>
Decimal	<a href="#">7896686</a>
CIELab	<a href="#">51.88, -5.36, 7.95</a>
CIElCh	<a href="#">52, 9.584, 123.972</a>
Yxy	<a href="#">20.0406, 0.3234, 0.3596</a>
Android (android.graphics.Color)	<a href="#">4286086766 (0xFF787E6E)</a>
YUV	<a href="#">122.3820, -6.1043, -2.0890</a>
Hunter-Lab	<a href="#">44.7667, -6.4856, 7.9338</a>

# Details

The Hex color **787E6E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **746E7E**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **ACB3A2**, and **484D3E** is the 20% darker color. If you saturate the color by 10%, you get **737E61**, and if you desaturate by 10%, it is **7D7E7B**.

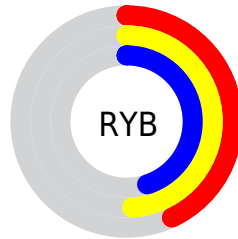
# Distribution



Red (47%)

Green (49%)

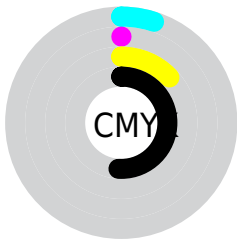
Blue (43%)



Red (43%)

Yellow (49%)

Blue (45%)

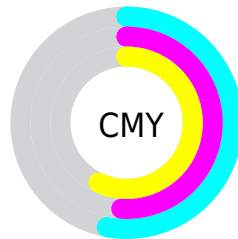


Cyan (5%)

Magenta (0%)

Yellow (13%)

Black (51%)



Cyan (53%)

Magenta (51%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 787E6E 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 787E6E by changing the saturation by 10% instead.





787E6E



787E6E

FFFFFF



5F6556



ACB3A2



484D3E



C8CEBD



313629



E4EAD8



1C2114



FFFFF5



000B00



000000



787E6E



787E6E



737E61



7D7E7B



6F7E55



817E87

 6A7E48

 867E94

 657E3C

 8B7EA0

 607E2F

 907EAD

 5C7E22

 947EBA

 577E16

 997EC6

 527E09

 9E7ED3

 4F7E00

 A37EDF

# Harmonies

## Analogous

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



817B6B



787E6E



6F8074

# Triad

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



787E6E



6B7E8A



8D767B

# Complementary

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



787E6E



746E7E

# 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.



887783



787E6E



747C8C

# Square

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



787E6E



678085



7F7989



8D7773

# Rectangle

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



787E6E



6A807A



7F7989



8B767E



# Sweetspot

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



787E6E



A1A39D



7E746E



50524E



D1D1D1



525252



# Same Dimension

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



787E6E



9AA38B



707E6E



3D4039



508000



000000



# Inverse Universe

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



746E7E



948BA3



7C6E7E



3C3940



300080

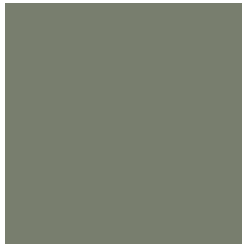


000000



# Previews

## White Background



This preview shows how the Hex color 787E6E looks on a white background.

## Color Contrast Check

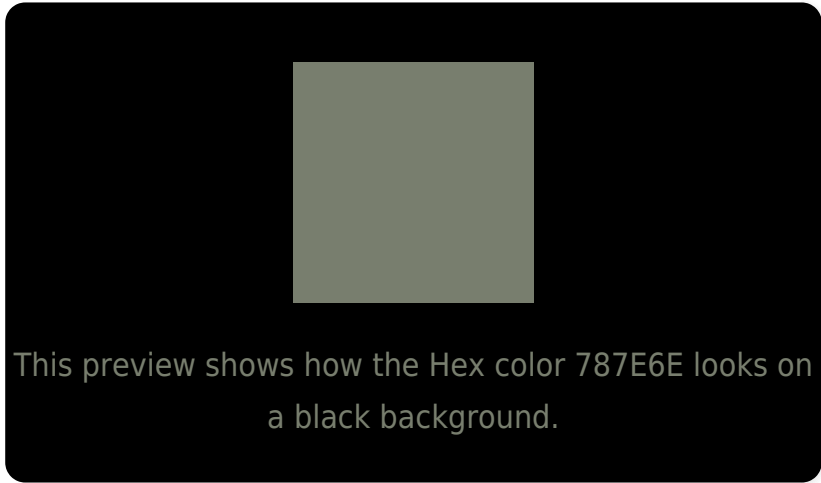
Large Text (above 18pt) WCAG AA ✓ Pass

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

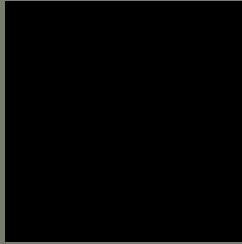
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 787E6E Background



This preview shows how black text looks on a background with the Hex color 787E6E.



This preview shows how white text looks on a background with the Hex color 787E6E.

# 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**  
787E6E

**Protanopia**  
817B6D

**Deuteranopia**  
8C776F



**Tritanopia**  
7B7B84

# Trichromacy



**Original Color**  
787E6E

**Protanomaly**  
7E7C6D

**Deuteranomaly**  
857A6F

**Tritanomaly**  
7A7C7C

# Monochromacy



**Original Color**  
787E6E

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
797B76

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 787E6E 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 #787E6E looks like.

```
.text, #text, p{  
    color:#787E6E  
}
```

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 #787E6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #787E6E
}
```

## Border

The CSS property to change the border of an element to Hex 787E6E is called "border". The border property can be set on classes, ids or directly on the HTML element.

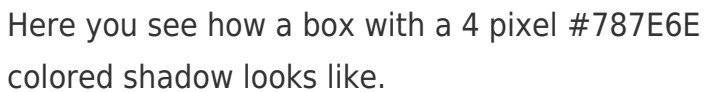
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#787E6E }
```

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

```
.border{ border-color:#787E6E }
```

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



Here you see how a box with a 4 pixel #787E6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #787E6E; -webkit-box-shadow:4px 4px  
4px 4px #787E6E; box-shadow:4px 4px 4px  
4px #787E6E }
```

# Background

The CSS property to change the background color of an element to Hex 787E6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#787E6E }
```

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

```
.background{ background-color:#787E6E }
```

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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