

# Converting Colors

Hex(787A66)

Have a look what the booklet for  
Hex(787A66) contains.

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# Color

Hex(787A66)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	787A66
RGB	120, 122, 102
RGB Percent	47%, 48%, 40%
CMY	0.5294, 0.5216, 0.6000
CMYK	0.02, 0.00, 0.16, 0.52
HSL	66°, 9%, 44%
HSV	66°, 16%, 48%
XYZ	17.1035, 18.8714, 15.3115
YIQ	119.1220, 5.2280, -6.6440

# Conversions

## Conversions Part 2

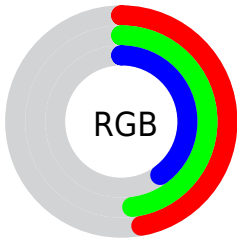
<b>Format</b>	<b>Color</b>
<b>RYB</b>	102, 122, 104
Decimal	7895654
CIELab	50.54, -4.51, 10.71
CIELCh	51, 11.625, 112.834
Yxy	18.8714, 0.3335, 0.3680
Android (android.graphics.Color)	4286085734 (0xFF787A66)
YUV	119.1220, -8.4411, 0.7700
Hunter-Lab	43.4413, -5.7439, 9.5113

# Details

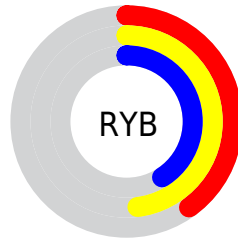
The Hex color **787A66** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **68667A**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **ACA E99**, and **474937** is the 20% darker color. If you saturate the color by 10%, you get **777A5A**, and if you desaturate by 10%, it is **797A72**.

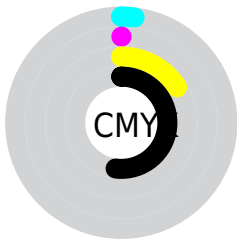
# Distribution



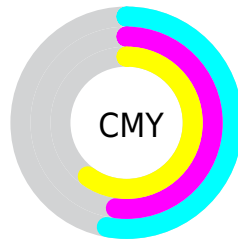
- Red (47%)
- Green (48%)
- Blue (40%)



- Red (40%)
- Yellow (48%)
- Blue (41%)



- Cyan (2%)
- Magenta (0%)
- Yellow (16%)
- Black (52%)



- Cyan (53%)
- Magenta (52%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 787A66 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 787A66 by changing the saturation by 10% instead.





787A66



787A66

FFFFFF



5F614E



ACAE99



474937



C8CAB4



313322



E4E6CF



1C1E0C



FFFFEC



000400



000000



787A66



787A66



777A5A



797A72



767A4E



7A7A7E

■ 747A41

■ 7C7A8B

■ 737A35

■ 7D7A97

■ 727A29

■ 7E7AA3

■ 717A1D

■ 7F7AAF

■ 6F7A11

■ 817ABB

■ 6E7A04

■ 827AC8

■ 6E7A00

■ 837AD4

# Harmonies

## Analogous

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



837765



787A66



6D7D6C

# Triad

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



787A66



617D88



8B727B

# Complementary

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



787A66



68667A

# 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.



837384



787A66



6B7A8C

# Square

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



787A66



5F7E80



77778A



8D7271

# Rectangle

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



787A66



667E72



77778A



89727E



# Sweetspot

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



787A66



9D9E96



7A6866



4F4F4A



CFCFCF



4F4F4F



# Same Dimension

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



787A66



9B9E7E



6E7A66



3D3D37



707D00



E3FC00



# Inverse Universe

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



68667A



827E9E



72667A



38373D



0C007D



1900FC



# Previews

## White Background



This preview shows how the Hex color 787A66 looks on a white background.

## Color Contrast Check

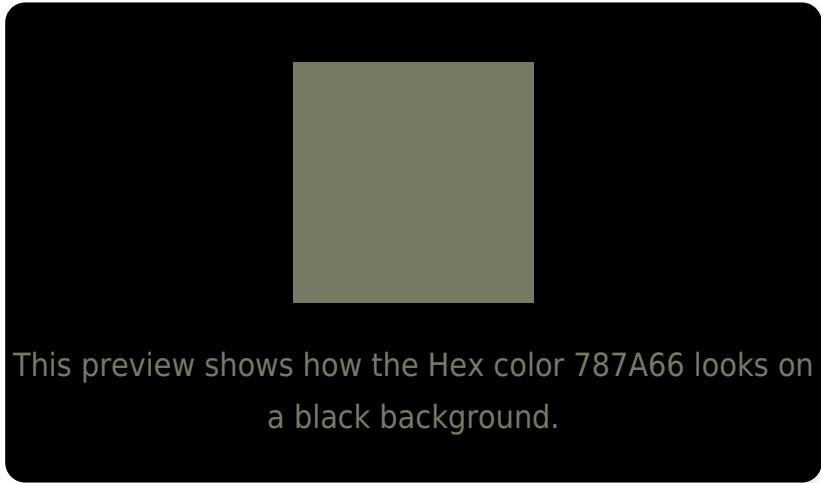
Large Text (above 18pt) WCAG AA ✓ Pass

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

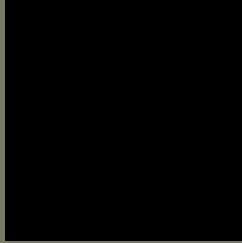
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

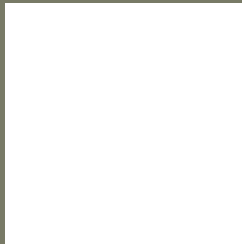
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 787A66 Background



This preview shows how black text looks on a background with the Hex color 787A66.



This preview shows how white text looks on a background with the Hex color 787A66.

# 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**

787A66

**Protanopia**

7F7865

**Deuteranopia**

8A7467



**Tritanopia**  
7C7680

# Trichromacy



**Original Color**

787A66

**Protanomaly**

7C7965

**Deuteranomaly**

837667

**Tritanomaly**

7B7777

# Monochromacy



**Original Color**

787A66

**Achromatopsia**

777777

**Achromatomaly**

777871

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 787A66 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 #787A66 looks like.

```
.text, #text, p{  
    color:#787A66  
}
```

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 #787A66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #787A66
}
```

## Border

The CSS property to change the border of an element to Hex 787A66 is called "border". The border property can be set on classes, ids or directly on the HTML element.

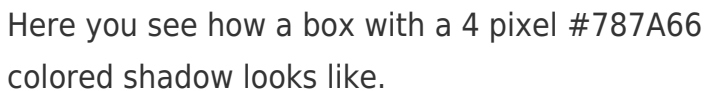
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#787A66 }
```

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

```
.border{ border-color:#787A66 }
```

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



Here you see how a box with a 4 pixel `#787A66` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #787A66; -webkit-box-shadow:4px 4px  
4px 4px #787A66; box-shadow:4px 4px 4px  
4px #787A66 }
```

# Background

The CSS property to change the background color of an element to Hex 787A66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#787A66 }
```

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

```
.background{ background-color:#787A66 }
```

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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