

# Converting Colors

Hex(807C78)

Have a look what the booklet for  
Hex(807C78) contains.

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# Color

Hex(807C78)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	807C78
RGB	128, 124, 120
RGB Percent	50%, 49%, 47%
CMY	0.4980, 0.5137, 0.5294
CMYK	0.00, 0.03, 0.06, 0.50
HSL	30°, 3%, 49%
HSV	30°, 6%, 50%
XYZ	19.4999, 20.3606, 20.6715
YIQ	124.7400, 3.6680, -0.3960

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 128, 120
Decimal	8420472
CIE <sub>Lab</sub>	52.24, 0.75, 2.71
CIE <sub>LCh</sub>	52, 2.813, 74.599
Yxy	20.3606, 0.3221, 0.3364
Android (android.graphics.Color)	4286610552 (0xFF807C78)
YUV	124.7400, -2.3368, 2.8590
Hunter-Lab	45.1227, -1.8254, 4.4240

# Details

The Hex color **807C78** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **787C80**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **B5B0AC**, and **4F4B48** is the 20% darker color. If you saturate the color by 10%, you get **80766B**, and if you desaturate by 10%, it is **808285**.

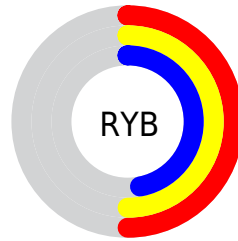
# Distribution



Red (50%)

Green (49%)

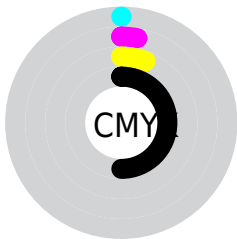
Blue (47%)



Red (50%)

Yellow (50%)

Blue (47%)



Cyan (0%)

Magenta (3%)

Yellow (6%)

Black (50%)



Cyan (50%)

Magenta (51%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 807C78 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 807C78 by changing the saturation by 10% instead.





807C78



807C78

FFFFFF



67635F



B5B0AC



4F4B48



D0CCC8



383531



EDE8E4



23201C



0D0702



000000



807C78



807C78



80766B



808285



806F5E



808992

806952

808F9E

806245

8096AB

805C38

809CB8

80562B

80A2C5

804F1E

80A9D2

804912

80AFDE

804205

80B6EB

# Harmonies

## Analogous

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



827B79



807C78



7D7D78

# Triad

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



807C78



777E7E



7F7C80

# Complementary

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



807C78



787C80

# 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.



7C7C81



807C78



777E80

# Square

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



807C78



787E7B



797D81



817B7E

# Rectangle

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



807C78



7C7D79



797D81



7E7C81



# Sweetspot

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



807C78



A6A4A2



80787C



545352



D4D4D4



545454



# Same Dimension

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



807C78



A69F98



808078



403D39



804000



000000



# Inverse Universe

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



787C80



989FA6



787880



393D40



004080



000000



# Previews

## White Background



This preview shows how the Hex color 807C78 looks on a white background.

## Color Contrast Check

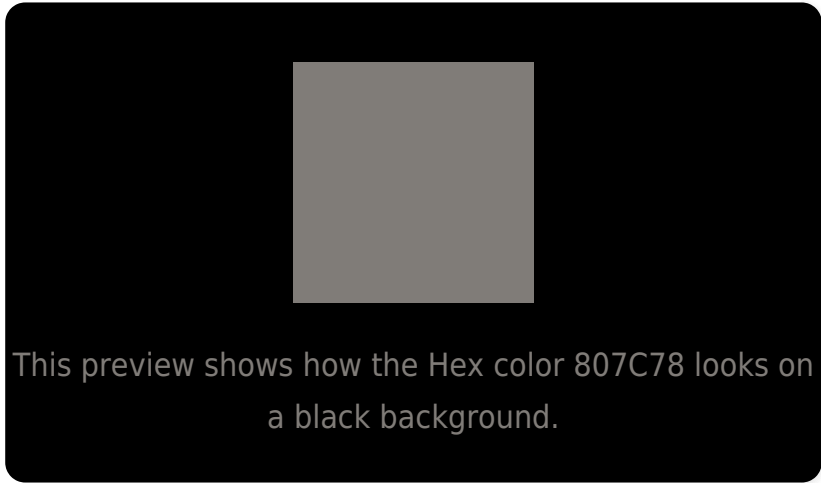
Large Text (above 18pt) WCAG AA ✓ Pass

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

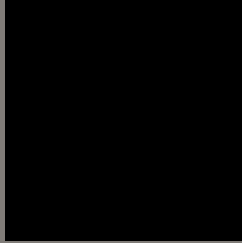
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

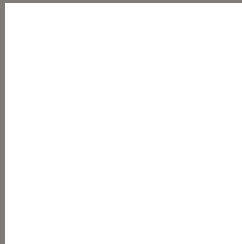
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 807C78 Background



This preview shows how black text looks on a background with the Hex color 807C78.



This preview shows how white text looks on a background with the Hex color 807C78.

# 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**  
807C78

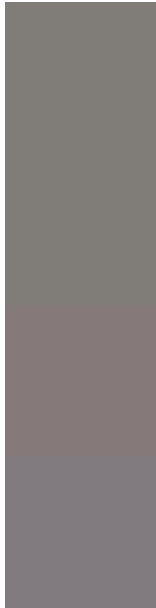
**Protanopia**  
807C78

**Deuteranopia**  
8A7879



**Tritanopia**  
827A84

# Trichromacy



**Original Color**  
807C78

**Protanomaly**  
807C78

**Deuteranomaly**  
867979

**Tritanomaly**  
817B80

# Monochromacy



**Original Color**  
807C78

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
7E7D7B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 807C78 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 #807C78 looks like.

```
.text, #text, p{  
    color:#807C78  
}
```

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 #807C78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #807C78
}
```

## Border

The CSS property to change the border of an element to Hex 807C78 is called "border". The border property can be set on classes, ids or directly on the HTML element.

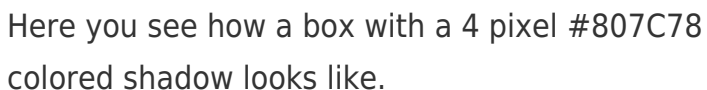
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#807C78 }
```

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

```
.border{ border-color:#807C78 }
```

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



Here you see how a box with a 4 pixel #807C78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #807C78; -webkit-box-shadow:4px 4px  
4px 4px #807C78; box-shadow:4px 4px 4px  
4px #807C78 }
```

# Background

The CSS property to change the background color of an element to Hex 807C78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#807C78 }
```

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

```
.background{ background-color:#807C78 }
```

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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