

# Converting Colors

Hex(807D7E)

Have a look what the booklet for  
Hex(807D7E) contains.

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# Color

**Hex(807D7E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	807D7E
RGB	128, 125, 126
RGB Percent	50%, 49%, 49%
CMY	0.4980, 0.5098, 0.5059
CMYK	0.00, 0.02, 0.02, 0.50
HSL	340°, 1%, 50%
HSV	340°, 2%, 50%
XYZ	20.0016, 20.7628, 22.6921
YIQ	126.0110, 1.4670, 0.9470

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>RYB</b>	128, 125, 126
Decimal	8420734
CIELab	52.69, 1.33, -0.15
CIELCh	53, 1.338, 353.646
Yxy	20.7628, 0.3152, 0.3272
Android (android.graphics.Color)	4286610814 (0xFF807D7E)
YUV	126.0110, -0.0054, 1.7444
Hunter-Lab	45.5662, -1.3870, 2.3698

# Details

The Hex color **807D7E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7D807F**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **B5B2B3**, and **4F4C4D** is the 20% darker color. If you saturate the color by 10%, you get **807075**, and if you desaturate by 10%, it is **808A87**.

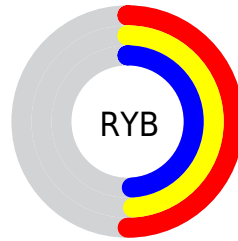
# Distribution



Red (50%)

Green (49%)

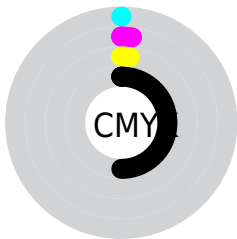
Blue (49%)



Red (50%)

Yellow (49%)

Blue (49%)

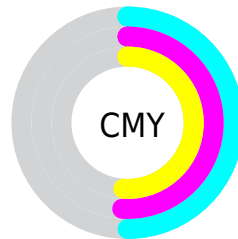


Cyan (0%)

Magenta (2%)

Yellow (2%)

Black (50%)



Cyan (50%)

Magenta (51%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 807D7E 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 807D7E by changing the saturation by 10% instead.



■ 807D7E

■ 807D7E

FFFFFF

■ 676465

■ B5B2B3

■ 4F4C4D

■ D0CDCE

■ 383636

■ EDE9EA

■ 232021

■ 0D090A

■ 000000

■ 807D7E

■ 807D7E

■ 807075

■ 808A87

■ 80636D

■ 80978F

805764

80A398

804A5C

80B0A0

803D53

80BDA9

80304B

80CAB1

802342

80D7BA

80173A

80E3C2

800A31

80F0CB

# Harmonies

## Analogous

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



7F7D7F



807D7E



807D7D

# Triad

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



807D7E



7E7E7C



7B7E80

# Complementary

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



807D7E



7D807F

# 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.



7B7E7F



807D7E



7C7E7C

# Square

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



807D7E



7F7E7B



7B7E7D



7C7E80

# Rectangle

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



807D7E



807D7C



7B7E7D



7B7E7F



# Sweetspot

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



807D7E



A6A4A5



7F7D80



545354



D4D4D4



545454



# Same Dimension

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



807D7E



A6A1A2



807D7D



403D3E



80002B



000000



# Inverse Universe

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



807D7E



A6A1A2



7D8080



403D3E



80002B



000000



# Previews

## White Background



This preview shows how the Hex color 807D7E looks on a white background.

## Color Contrast Check

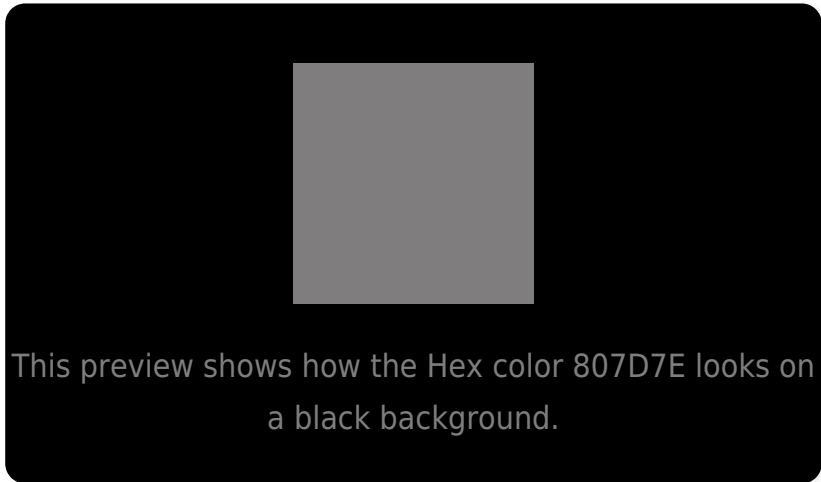
Large Text (above 18pt) WCAG AA ✓ Pass

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

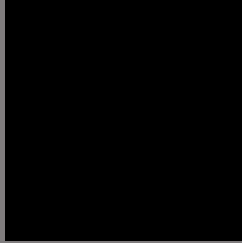
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

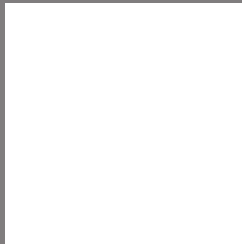
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 807D7E Background



This preview shows how black text looks on a background with the Hex color 807D7E.



This preview shows how white text looks on a background with the Hex color 807D7E.

# 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**  
807D7E

**Protanopia**  
807D7E

**Deuteranopia**  
897A7F



**Tritanopia**  
817C86

# Trichromacy



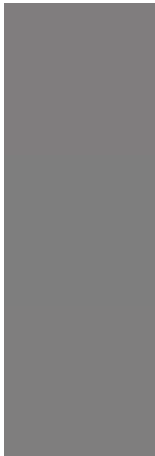
**Original Color**  
807D7E

**Protanomaly**  
807D7E

**Deuteranomaly**  
867B7F

**Tritanomaly**  
817C83

# Monochromacy



**Original Color**  
807D7E

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
7F7E7E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 807D7E 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 #807D7E looks like.

```
.text, #text, p{  
    color:#807D7E  
}
```

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 #807D7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #807D7E
}
```

## Border

The CSS property to change the border of an element to Hex 807D7E is called "border". The border property can be set on classes, ids or directly on the HTML element.

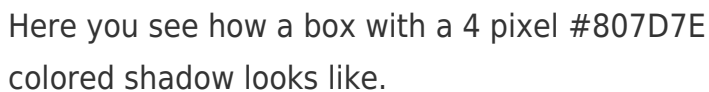
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#807D7E }
```

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

```
.border{ border-color:#807D7E }
```

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



Here you see how a box with a 4 pixel #807D7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #807D7E; -webkit-box-shadow:4px 4px  
4px 4px #807D7E; box-shadow:4px 4px 4px  
4px #807D7E }
```

# Background

The CSS property to change the background color of an element to Hex 807D7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#807D7E }
```

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

```
.background{ background-color:#807D7E }
```

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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