

# Converting Colors

Hex(807B7D)

Have a look what the booklet for  
Hex(807B7D) contains.

<b>Hex(807B7D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(807B7D)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	807B7D
RGB	128, 123, 125
RGB Percent	50%, 48%, 49%
CMY	0.4980, 0.5176, 0.5098
CMYK	0.00, 0.04, 0.02, 0.50
HSL	336°, 2%, 49%
HSV	336°, 4%, 50%
XYZ	19.6867, 20.2358, 22.2703
YIQ	124.7230, 2.3380, 1.6820

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>RYB</b>	128, 123, 125
Decimal	8420221
CIELab	52.10, 2.29, -0.42
CIELCh	52, 2.326, 349.609
Yxy	20.2358, 0.3165, 0.3254
Android (android.graphics.Color)	4286610301 (0xFF807B7D)
YUV	124.7230, 0.1366, 2.8739
Hunter-Lab	44.9842, -0.6043, 2.1362

# Details

The Hex color **807B7D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7B807E**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **B5AFB2**, and **4F4A4C** is the 20% darker color. If you saturate the color by 10%, you get **806E75**, and if you desaturate by 10%, it is **808885**.

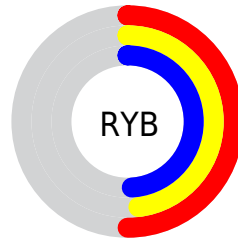
# Distribution



Red (50%)

Green (48%)

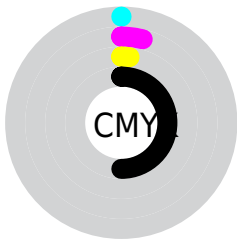
Blue (49%)



Red (50%)

Yellow (48%)

Blue (49%)

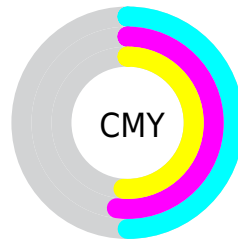


Cyan (0%)

Magenta (4%)

Yellow (2%)

Black (50%)



Cyan (50%)

Magenta (52%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 807B7D 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 807B7D by changing the saturation by 10% instead.



■ 807B7D

FFFFFF

■ B5AFB2

■ D0CBCD

■ EDE7E9

■ 807B7D

■ 676264

■ 4F4A4C

■ 383436

■ 231F20

■ 0D0609

■ 000000

■ 807B7D

■ 806E75

■ 80616E

■ 807B7D

■ 808885

■ 80958C

 805566

 80A194

 80485E

 80AE9C

 803B57

 80BBA3

 802E4F

 80C8AB

 802147

 80D5B3

 801540

 80E1BA

 800838

 80EEC2

# Harmonies

## Analogous

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



7E7B7F



807B7D



817B7B

# Triad

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



807B7D



7D7D78



787D7F

# Complementary

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



807B7D



7B807E

# 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.



787D7D



807B7D



7A7D7A

# Square

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



807B7D



7F7C78



787D7B



7A7D80

# Rectangle

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



807B7D



817B7A



787D7B



787D7F



# Sweetspot

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



807B7D



A6A4A5



7E7B80



545354



D4D4D4



545454



# Same Dimension

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



807B7D



A69DA1



807C7B



403C3D



800033



000000



# Inverse Universe

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



807B7D



A69DA1



7B8080



403C3D



800033



000000



# Previews

## White Background



This preview shows how the Hex color 807B7D looks on a white background.

## Color Contrast Check

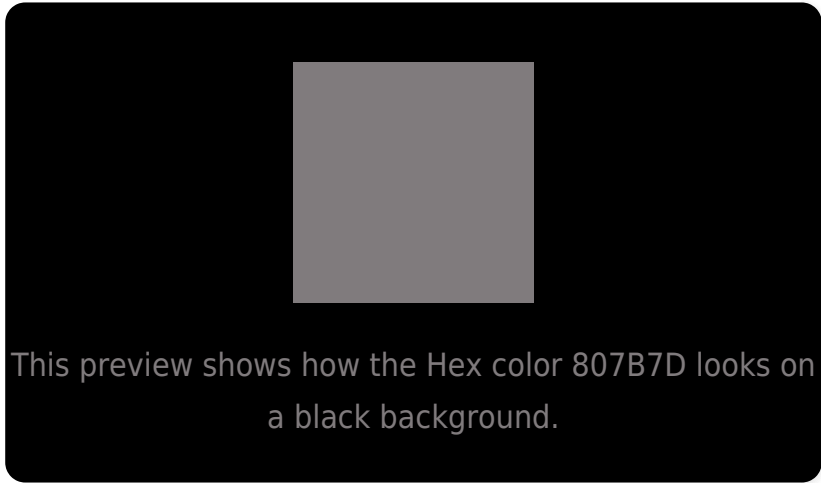
Large Text (above 18pt) WCAG AA ✓ Pass

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

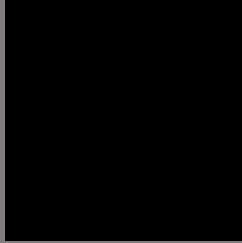
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

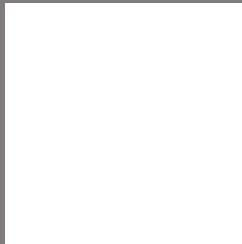
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 807B7D Background



This preview shows how black text looks on a background with the Hex color 807B7D.



This preview shows how white text looks on a background with the Hex color 807B7D.

# 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**

807B7D

**Protanopia**

7E7C7D

**Deuteranopia**

88787E



**Tritanopia**  
817A84

# Trichromacy



**Original Color**

807B7D

**Protanomaly**

7F7C7D

**Deuteranomaly**

85797E

**Tritanomaly**

817A81

# Monochromacy



**Original Color**

807B7D

**Achromatopsia**

7D7D7D

**Achromatomaly**

7E7C7D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 807B7D 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 #807B7D looks like.

```
.text, #text, p{  
    color:#807B7D  
}
```

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 #807B7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #807B7D
}
```

## Border

The CSS property to change the border of an element to Hex 807B7D is called "border". The border property can be set on classes, ids or directly on the HTML element.

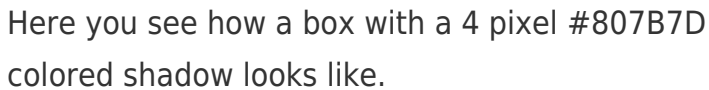
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#807B7D }
```

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

```
.border{ border-color:#807B7D }
```

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



Here you see how a box with a 4 pixel #807B7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #807B7D; -webkit-box-shadow:4px 4px  
4px 4px #807B7D; box-shadow:4px 4px 4px  
4px #807B7D }
```

# Background

The CSS property to change the background color of an element to Hex 807B7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#807B7D }
```

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

```
.background{ background-color:#807B7D }
```

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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