

# Converting Colors

Hex(7B807E)

Have a look what the booklet for  
Hex(7B807E) contains.

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# Color

Hex(7B807E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B807E
RGB	123, 128, 126
RGB Percent	48%, 50%, 49%
CMY	0.5176, 0.4980, 0.5059
CMYK	0.04, 0.00, 0.02, 0.50
HSL	156°, 2%, 49%
HSV	156°, 4%, 50%
XYZ	19.6534, 21.1557, 22.7863
YIQ	126.2770, -2.3380, -1.6820

# Conversions

## Conversions Part 2

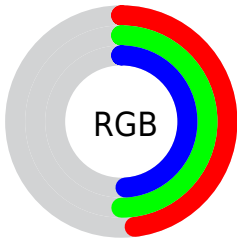
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	123, 126, 128
Decimal	8093822
CIE Lab	53.12, -2.26, 0.43
CIE LCh	53, 2.302, 169.224
Yxy	21.1557, 0.3090, 0.3327
Android (android.graphics.Color)	4286283902 (0xFF7B807E)
YUV	126.2770, -0.1366, -2.8739
Hunter-Lab	45.9953, -4.2200, 2.8242

# Details

The Hex color **7B807E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **807B7D**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **AFB5B3**, and **4A4F4D** is the 20% darker color. If you saturate the color by 10%, you get **6E8079**, and if you desaturate by 10%, it is **888083**.

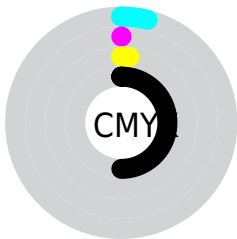
# Distribution



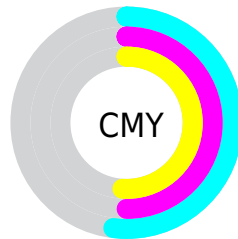
- Red (48%)
- Green (50%)
- Blue (49%)



- Red (48%)
- Yellow (49%)
- Blue (50%)



- Cyan (4%)
- Magenta (0%)
- Yellow (2%)
- Black (50%)



- Cyan (52%)
- Magenta (50%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B807E 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 7B807E by changing the saturation by 10% instead.





7B807E



7B807E

FFFFFF



626765



AFB5B3



4A4F4D



CBD0CE



343836



E7EDEA



1F2321



060D0A



000000



7B807E



7B807E



6E8079



888083



618074



958088

■ 55806F

■ A1808D

■ 48806A

■ AE8092

■ 3B8064

■ BB8098

■ 2E805F

■ C8809D

■ 21805A

■ D580A2

■ 158055

■ E180A7

■ 088050

■ EE80AC

# Harmonies

## Analogous

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



7D807C



7B807E



7A8080

# Triad

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



7B807E



7E7F83



837E7C

# Complementary

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



7B807E



807B7D

# 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.



837E7E



7B807E



817E81

# Square

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



7B807E



7C7F83



837E80



817E7B

# Rectangle

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



7B807E



7A8081



837E80



837E7C



# Sweetspot

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



7B807E



A4A6A5



7D807B



535454



D4D4D4



545454



# Same Dimension

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



7B807E



9DA6A2



7B8080



3C403E



00804D



000000



# Inverse Universe

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



807B7D



A69DA1



807C7B



403C3D



800033



000000



# Previews

## White Background



This preview shows how the Hex color 7B807E looks on a white background.

## Color Contrast Check

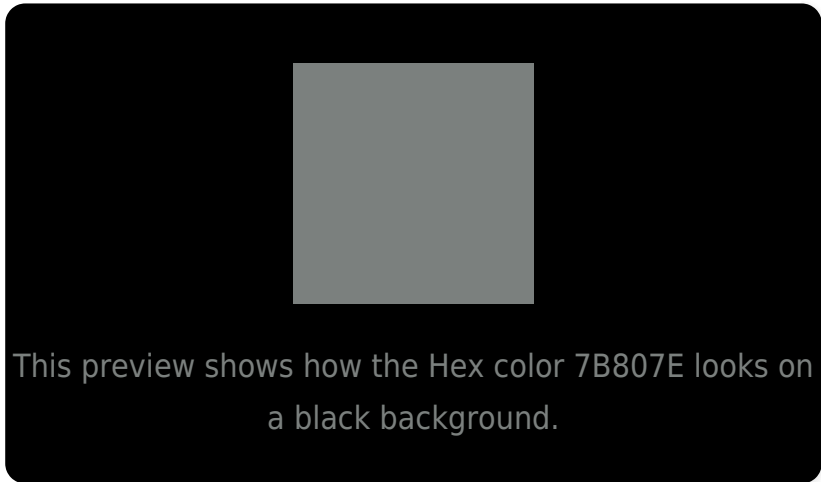
Large Text (above 18pt) WCAG AA ✓ Pass

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

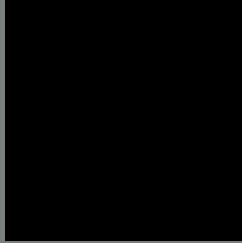
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

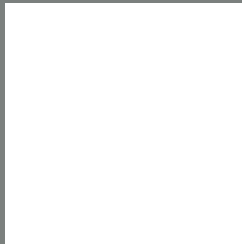
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7B807E Background



This preview shows how black text looks on a background with the Hex color 7B807E.



This preview shows how white text looks on a background with the Hex color 7B807E.

# 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**  
7B807E

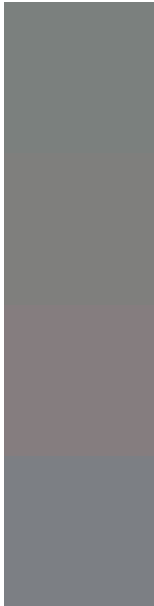
**Protanopia**  
817E7D

**Deuteranopia**  
8B7B7F



**Tritanopia**  
7D7E88

# Trichromacy



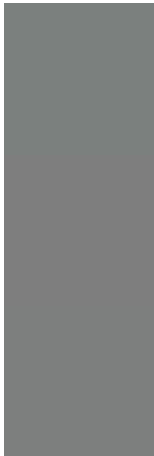
**Original Color**  
7B807E

**Protanomaly**  
7F7F7D

**Deuteranomaly**  
857D7F

**Tritanomaly**  
7C7F84

# Monochromacy



**Original Color**  
7B807E

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
7D7F7E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B807E 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 #7B807E looks like.

```
.text, #text, p{  
    color:#7B807E  
}
```

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 #7B807E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B807E
}
```

## Border

The CSS property to change the border of an element to Hex 7B807E 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
#7B807E }
```

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

```
.border{ border-color:#7B807E }
```

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

Here you see how a box with a 4 pixel #7B807E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B807E; -webkit-box-shadow:4px 4px  
4px 4px #7B807E; box-shadow:4px 4px 4px  
4px #7B807E }
```

# Background

The CSS property to change the background color of an element to Hex 7B807E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B807E }
```

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

```
.background{ background-color:#7B807E }
```

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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