

# Converting Colors

Hex(7D817A)

Have a look what the booklet for  
Hex(7D817A) contains.

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# Color

Hex(7D817A)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D817A
RGB	125, 129, 122
RGB Percent	49%, 51%, 48%
CMY	0.5098, 0.4941, 0.5216
CMYK	0.03, 0.00, 0.05, 0.49
HSL	94°, 3%, 49%
HSV	94°, 5%, 51%
XYZ	19.8206, 21.4656, 21.5110
YIQ	127.0060, -0.1370, -3.0250

# Conversions

## Conversions Part 2

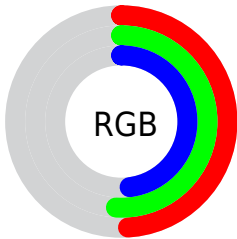
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 129, 126
Decimal	8225146
CIE <sub>Lab</sub>	53.46, -2.87, 3.27
CIE <sub>LCh</sub>	53, 4.351, 131.330
Yxy	21.4656, 0.3156, 0.3418
Android (android.graphics.Color)	4286415226 (0xFF7D817A)
YUV	127.0060, -2.4680, -1.7593
Hunter-Lab	46.3310, -4.7164, 4.9040

# Details

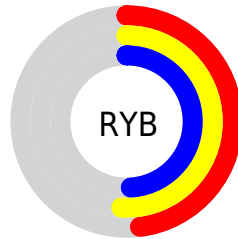
The Hex color **7D817A** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **7E7A81**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **B2B6AE**, and **4C5049** is the 20% darker color. If you saturate the color by 10%, you get **76816D**, and if you desaturate by 10%, it is **848187**.

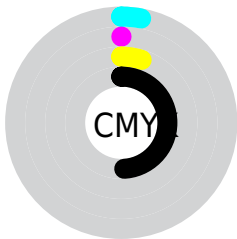
# Distribution



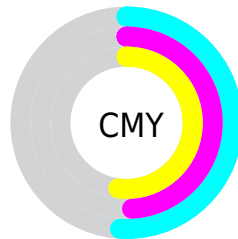
- Red (49%)
- Green (51%)
- Blue (48%)



- Red (48%)
- Yellow (51%)
- Blue (49%)



- Cyan (3%)
- Magenta (0%)
- Yellow (5%)
- Black (49%)



- Cyan (51%)
- Magenta (49%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D817A 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 7D817A by changing the saturation by 10% instead.



7D817A

7D817A

FFFFFF

646861

B2B6AE

4C5049

CDD1CA

363933

E9EEE6

20241E

090E05

000000

7D817A

7D817A

76816D

848187

6E8160

8C8194

678153

9381A1

608146

9A81AE

58813A

A281BB

51812D

A981C7

498120

B181D4

428113

B881E1

3B8106

BF81EE

# Harmonies

## Analogous

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



818078



7D817A



79827D

# Triad

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



7D817A



7A8187



887D7E

# Complementary

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



7D817A



7E7A81

# 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.



867D82



7D817A



7E8087

# Square

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



7D817A



778284



827E85



887E7B

# Rectangle

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



7D817A



778280



827E85



877D80



# Sweetspot

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



7D817A



A6A8A5



817E7A



535452



D4D4D4



545454



# Same Dimension

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



7D817A



A2A89D



7A817A



3D403B



378000



000000



# Inverse Universe

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



7E7A81



A39DA8



817A81



3E3B40



490080

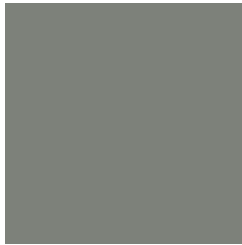


000000



# Previews

## White Background



This preview shows how the Hex color 7D817A looks on a white background.

## Color Contrast Check

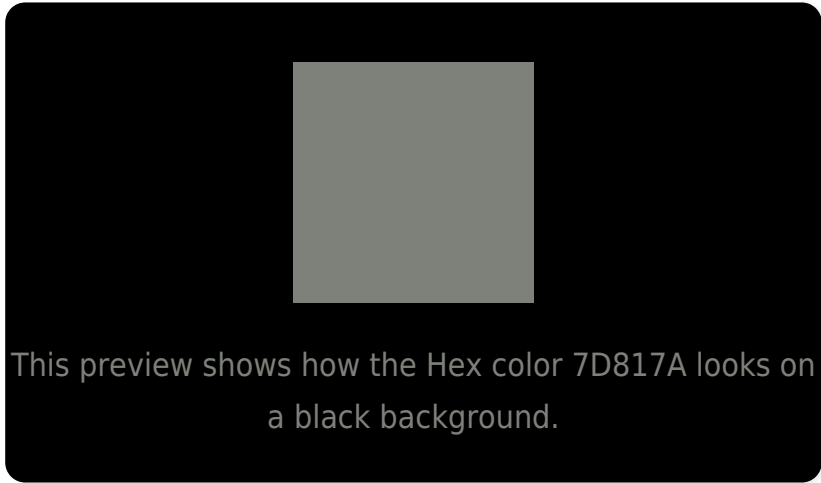
Large Text (above 18pt) WCAG AA ✓ Pass

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

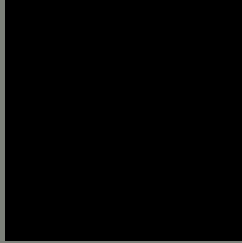
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

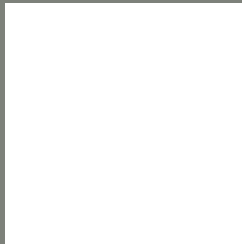
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7D817A Background



This preview shows how black text looks on a background with the Hex color 7D817A.



This preview shows how white text looks on a background with the Hex color 7D817A.

# 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**

7D817A

**Protanopia**

837F79

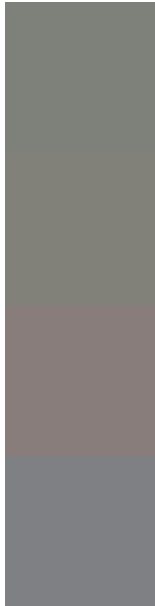
**Deuteranopia**

8E7B7B



**Tritanopia**  
7F7F89

# Trichromacy



**Original Color**

7D817A

**Protanomaly**

818079

**Deuteranomaly**

887D7B

**Tritanomaly**

7E8084

# Monochromacy



**Original Color**

7D817A

**Achromatopsia**

7F7F7F

**Achromatomaly**

7E807D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D817A 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 #7D817A looks like.

```
.text, #text, p{  
    color:#7D817A  
}
```

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 #7D817A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D817A
}
```

## Border

The CSS property to change the border of an element to Hex 7D817A 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
#7D817A }
```

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

```
.border{ border-color:#7D817A }
```

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

Here you see how a box with a 4 pixel #7D817A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D817A; -webkit-box-shadow:4px 4px  
4px 4px #7D817A; box-shadow:4px 4px 4px  
4px #7D817A }
```

# Background

The CSS property to change the background color of an element to Hex 7D817A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D817A }
```

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

```
.background{ background-color:#7D817A }
```

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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