

# Converting Colors

Hex(7D6D7E)

Have a look what the booklet for  
Hex(7D6D7E) contains.

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# Color

Hex(7D6D7E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D6D7E
RGB	125, 109, 126
RGB Percent	49%, 43%, 49%
CMY	0.5098, 0.5725, 0.5059
CMYK	0.01, 0.13, 0.00, 0.51
HSL	296°, 7%, 46%
HSV	296°, 13%, 49%
XYZ	17.6920, 16.8036, 22.0496
YIQ	115.7220, 4.0790, 8.6790

# Conversions

## Conversions Part 2

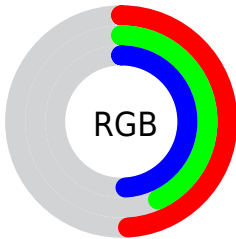
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	125, 109, 126
Decimal	8220030
CIE <sub>Lab</sub>	48.01, 9.57, -7.08
CIE <sub>LCh</sub>	48, 11.908, 323.502
Yxy	16.8036, 0.3129, 0.2972
Android (android.graphics.Color)	4286410110 (0xFF7D6D7E)
YUV	115.7220, 5.0671, 8.1368
Hunter-Lab	40.9922, 5.3031, -3.1974

# Details

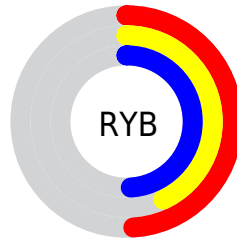
The Hex color **7D6D7E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6E7E6D**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **B2A1B3**, and **4C3D4D** is the 20% darker color. If you saturate the color by 10%, you get **7C607E**, and if you desaturate by 10%, it is **7E7A7E**.

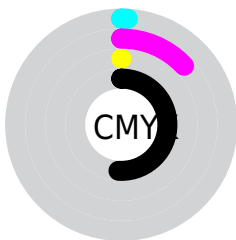
# Distribution



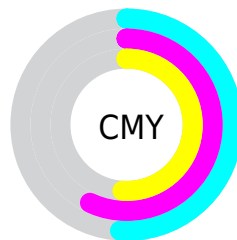
- Red (49%)
- Green (43%)
- Blue (49%)



- Red (49%)
- Yellow (43%)
- Blue (49%)



- Cyan (1%)
- Magenta (13%)
- Yellow (0%)
- Black (51%)



- Cyan (51%)
- Magenta (57%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D6D7E 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 7D6D7E by changing the saturation by 10% instead.



7D6D7E

7D6D7E

FFFFFF

645565

B2A1B3

4C3D4D

CDBCCE

352836

E9D7EA

201321

FFF4FF

000009

000000

7D6D7E

7D6D7E

7C607E

7E7A7E

7C547E

7E867E

 7B477E

 7F937E

 7A3B7E

 809F7E

 792E7E

 81AC7E

 79217E

 81B97E

 78157E

 82C57E

 77087E

 83D27E

 77007E

 84DE7E

# Harmonies

## Analogous

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



717084



7D6D7E



856B75

# Triad

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



7D6D7E



7C715E



58787A

# Complementary

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



7D6D7E



6E7E6D

# 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.



5C786F



7D6D7E



71745F

# Square

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



7D6D7E



846D62



667666



5A7682

# Rectangle

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



7D6D7E



876B6E



667666



587876



# Sweetspot

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



7D6D7E



A39DA3



6D6E7E



514E52



D1D1D1



525252



# Same Dimension

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



7D6D7E



A289A3



7E6D77



3F3940



780080



000000



# Inverse Universe

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



7E6D6E



A3898B



6D7E74



40393A



800007



000000



# Previews

## White Background



This preview shows how the Hex color 7D6D7E looks on a white background.

## Color Contrast Check

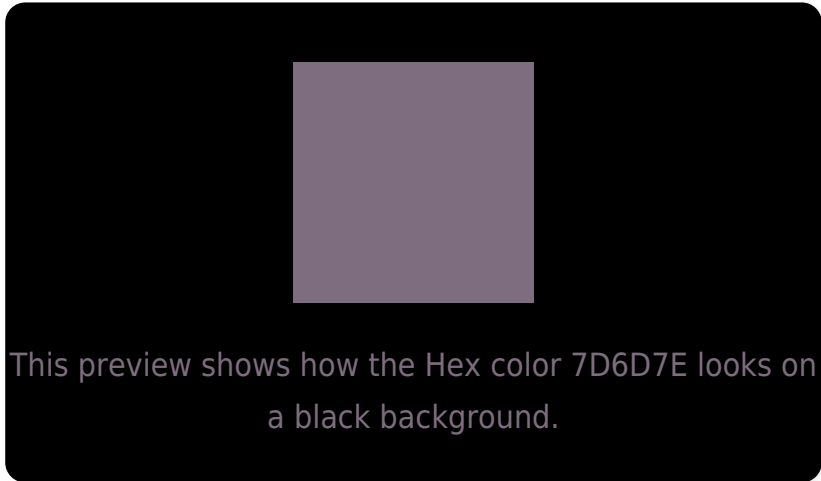
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

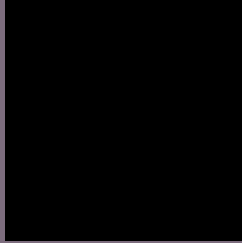
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7D6D7E Background



This preview shows how black text looks on a background with the Hex color 7D6D7E.



This preview shows how white text looks on a background with the Hex color 7D6D7E.

# 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**  
7D6D7E

**Protanopia**  
707181

**Deuteranopia**  
786F7E



**Tritanopia**  
7C6E77

# Trichromacy



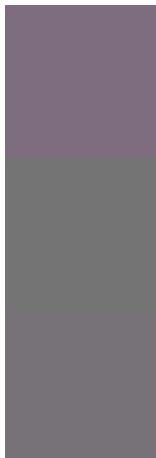
**Original Color**  
7D6D7E

**Protanomaly**  
757080

**Deuteranomaly**  
7A6E7E

**Tritanomaly**  
7C6E7A

# Monochromacy



**Original Color**  
7D6D7E

**Achromatopsia**  
747474

**Achromatomaly**  
777178

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D6D7E 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 #7D6D7E looks like.

```
.text, #text, p{  
  color:#7D6D7E  
}
```

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 #7D6D7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D6D7E
}
```

## Border

The CSS property to change the border of an element to Hex 7D6D7E is called "border". The border property can be set on classes, ids or directly on the HTML element.

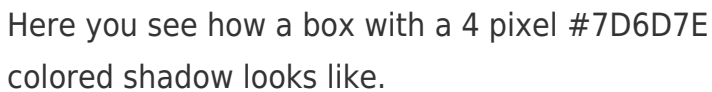
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7D6D7E }
```

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

```
.border{ border-color:#7D6D7E }
```

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



Here you see how a box with a 4 pixel #7D6D7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D6D7E; -webkit-box-shadow:4px 4px  
4px 4px #7D6D7E; box-shadow:4px 4px 4px  
4px #7D6D7E }
```

# Background

The CSS property to change the background color of an element to Hex 7D6D7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D6D7E }
```

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

```
.background{ background-color:#7D6D7E }
```

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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