

# Converting Colors

Hex(7A6F80)

Have a look what the booklet for  
Hex(7A6F80) contains.

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# Color

**Hex(7A6F80)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7A6F80
RGB	122, 111, 128
RGB Percent	48%, 44%, 50%
CMY	0.5216, 0.5647, 0.4980
CMYK	0.05, 0.13, 0.00, 0.50
HSL	279°, 7%, 47%
HSV	279°, 13%, 50%
XYZ	17.6068, 17.0650, 22.7880
YIQ	116.2270, 1.0990, 7.6190

# Conversions

## Conversions Part 2

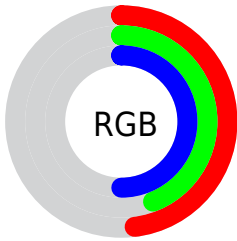
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 111, 128
Decimal	8023936
CIE Lab	48.34, 7.69, -7.81
CIE LCh	48, 10.961, 314.557
Yxy	17.0650, 0.3064, 0.2970
Android (android.graphics.Color)	4286214016 (0xFF7A6F80)
YUV	116.2270, 5.8041, 5.0629
Hunter-Lab	41.3098, 3.7869, -3.7897

# Details

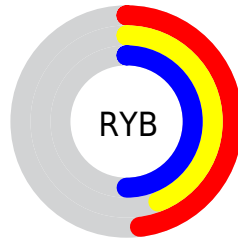
The Hex color **7A6F80** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **75806F**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **AEA3B5**, and **493F4F** is the 20% darker color. If you saturate the color by 10%, you get **756280**, and if you desaturate by 10%, it is **7F7C80**.

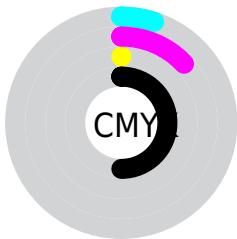
# Distribution



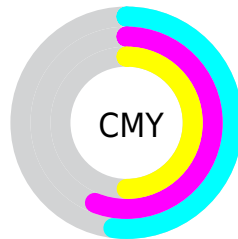
- Red (48%)
- Green (44%)
- Blue (50%)



- Red (48%)
- Yellow (44%)
- Blue (50%)



- Cyan (5%)
- Magenta (13%)
- Yellow (0%)
- Black (50%)



- Cyan (52%)
- Magenta (56%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A6F80 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 7A6F80 by changing the saturation by 10% instead.



■ 7A6F80

■ 7A6F80

FFFFFF

■ 615767

■ AEA3B5

■ 493F4F

■ CABED0

■ 332938

■ E6D9ED

■ 1D1523

■ FFF6FF

■ 00000C

■ 000000

■ 7A6F80

■ 7A6F80

■ 756280

■ 7F7C80

■ 715580

■ 838980

6C4980

889580

683C80

8CA280

632F80

91AF80

5F2280

95BC80

5A1580

9AC980

560980

9ED580

530080

A3E280

# Harmonies

## Analogous

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



6E7285



7A6F80



836D78

# Triad

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



7A6F80



7F7161



5B7877

# Complementary

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



7A6F80



75806F

# 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.



61786E



7A6F80



757461

# Square

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



7A6F80



856E66



6B7665



5C777F

# Rectangle

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



7A6F80



866C72



6B7665



5D7874



# Sweetspot

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



7A6F80



A39FA6



6F7580



535054



D4D4D4



545454



# Same Dimension

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



7A6F80



9C8BA6



806F7E



3E3940



530080



000000



# Inverse Universe

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



806F75



A68B95



6F8071



40393C



80002D



000000



# Previews

## White Background



This preview shows how the Hex color 7A6F80 looks on a white background.

## Color Contrast Check

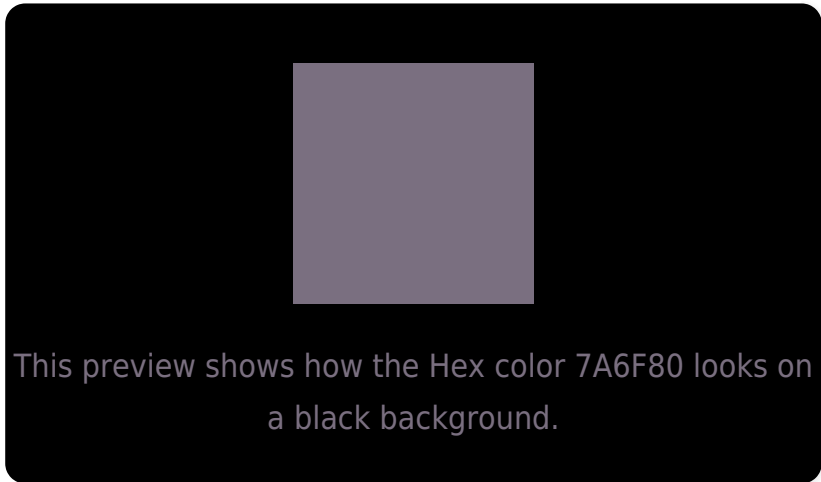
Large Text (above 18pt) WCAG AA ✓ Pass

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

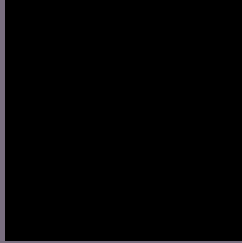
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7A6F80 Background



This preview shows how black text looks on a background with the Hex color 7A6F80.



This preview shows how white text looks on a background with the Hex color 7A6F80.

# 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**

7A6F80

**Protanopia**

707282

**Deuteranopia**

787080



**Tritanopia**  
797079

# Trichromacy



**Original Color**

7A6F80

**Protanomaly**

747181

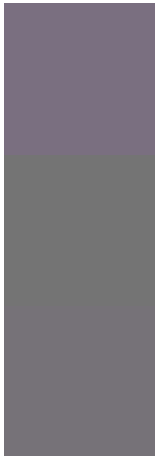
**Deuteranomaly**

797080

**Tritanomaly**

79707C

# Monochromacy



**Original Color**

7A6F80

**Achromatopsia**

747474

**Achromatomaly**

767278

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A6F80 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 #7A6F80 looks like.

```
.text, #text, p{  
    color:#7A6F80  
}
```

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 #7A6F80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A6F80
}
```

## Border

The CSS property to change the border of an element to Hex 7A6F80 is called "border". The border property can be set on classes, ids or directly on the HTML element.

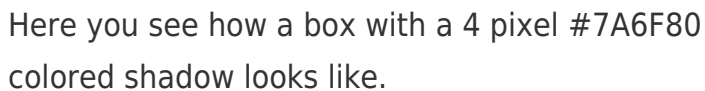
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A6F80 }
```

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

```
.border{ border-color:#7A6F80 }
```

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



Here you see how a box with a 4 pixel #7A6F80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A6F80; -webkit-box-shadow:4px 4px  
4px 4px #7A6F80; box-shadow:4px 4px 4px  
4px #7A6F80 }
```

# Background

The CSS property to change the background color of an element to Hex 7A6F80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A6F80 }
```

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

```
.background{ background-color:#7A6F80 }
```

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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