

# Converting Colors

Hex(7B6F84)

Have a look what the booklet for  
Hex(7B6F84) contains.

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# Color

Hex(7B6F84)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B6F84
RGB	123, 111, 132
RGB Percent	48%, 44%, 52%
CMY	0.5176, 0.5647, 0.4824
CMYK	0.07, 0.16, 0.00, 0.48
HSL	274°, 9%, 48%
HSV	274°, 16%, 52%
XYZ	18.0177, 17.2458, 24.2089
YIQ	116.9820, 0.4110, 9.0750

# Conversions

## Conversions Part 2

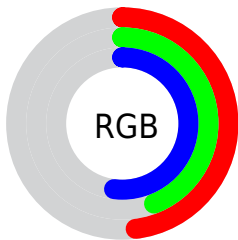
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	123, 111, 132
Decimal	8089476
CIE <sub>Lab</sub>	48.57, 8.91, -9.84
CIE <sub>LCh</sub>	49, 13.276, 312.180
Yxy	17.2458, 0.3030, 0.2900
Android (android.graphics.Color)	4286279556 (0xFF7B6F84)
YUV	116.9820, 7.4039, 5.2778
Hunter-Lab	41.5280, 4.7713, -5.4937

# Details

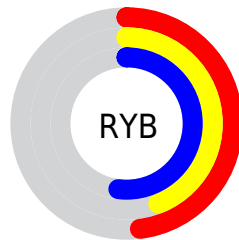
The Hex color **7B6F84** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **78846F**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **B0A3B9**, and **4A3F53** is the 20% darker color. If you saturate the color by 10%, you get **756284**, and if you desaturate by 10%, it is **817C84**.

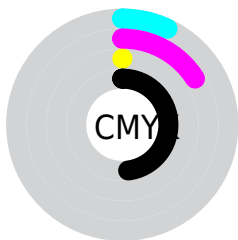
# Distribution



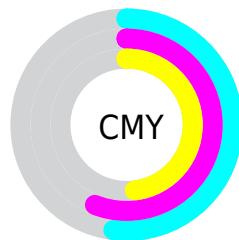
- Red (48%)
- Green (44%)
- Blue (52%)



- Red (48%)
- Yellow (44%)
- Blue (52%)



- Cyan (7%)
- Magenta (16%)
- Yellow (0%)
- Black (48%)



- Cyan (52%)
- Magenta (56%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B6F84 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 7B6F84 by changing the saturation by 10% instead.



■ 7B6F84

■ 7B6F84

FFFFFF

■ 62576B

■ B0A3B9

■ 4A3F53

■ CBBED5

■ 33293B

■ E7DAF1

■ 1E1526

■ FFF6FF

■ 000011

■ 000000

■ 7B6F84

■ 7B6F84

■ 756284

■ 817C84

■ 705584

■ 868984

6A4784

8C9784

643A84

92A484

5F2D84

97B184

592084

9DBE84

531384

A3CB84

4E0584

A8D984

4B0084

AEE684

# Harmonies

## Analogous

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



6D7389



7B6F84



866C7A

# Triad

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



7B6F84



82705E



577A78

# Complementary

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



7B6F84



78846F

# 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.



5F796C



7B6F84



77745D

# Square

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



7B6F84



896D65



6B7763



567982

# Rectangle

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



7B6F84



8A6C73



6B7763



597A74



# Sweetspot

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



7B6F84



A7A2AB



6F7884



545157



D6D6D6



575757



# Same Dimension

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



7B6F84



9D8AAB



846F83



3F3C42



4A0082



010003



# Inverse Universe

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



846F78



AB8A98



6F8470



423C3F



820038



030001



# Previews

## White Background



This preview shows how the Hex color 7B6F84 looks on a white background.

## Color Contrast Check

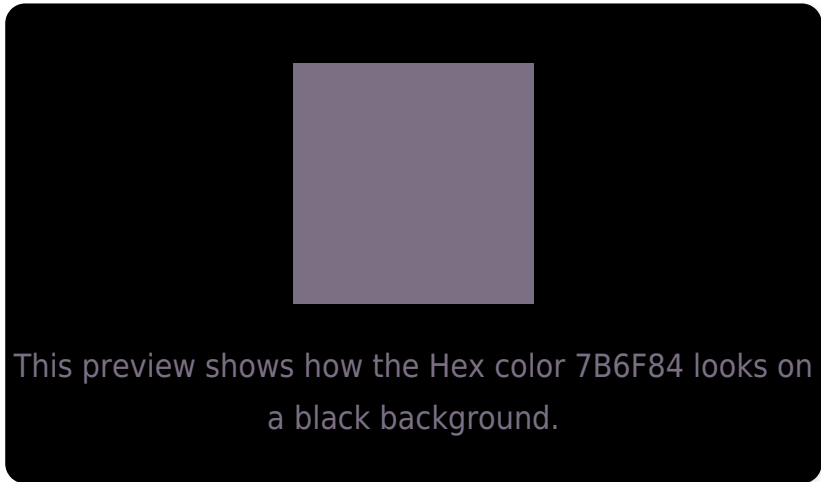
Large Text (above 18pt) WCAG AA ✓ Pass

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

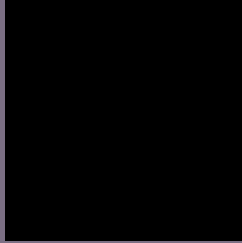
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7B6F84 Background



This preview shows how black text looks on a background with the Hex color 7B6F84.



This preview shows how white text looks on a background with the Hex color 7B6F84.

# 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**

7B6F84

**Protanopia**

707286

**Deuteranopia**

777084



**Tritanopia**  
79717A

# Trichromacy



**Original Color**

7B6F84

**Protanomaly**

747185

**Deuteranomaly**

787084

**Tritanomaly**

7A707E

# Monochromacy



**Original Color**

7B6F84

**Achromatopsia**

757575

**Achromatomaly**

77737A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B6F84 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 #7B6F84 looks like.

```
.text, #text, p{  
    color:#7B6F84  
}
```

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 #7B6F84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B6F84
}
```

## Border

The CSS property to change the border of an element to Hex 7B6F84 is called "border". The border property can be set on classes, ids or directly on the HTML element.

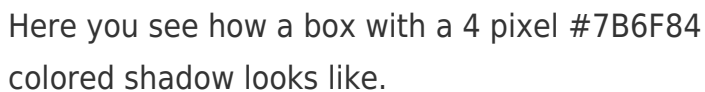
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B6F84 }
```

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

```
.border{ border-color:#7B6F84 }
```

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



Here you see how a box with a 4 pixel #7B6F84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B6F84; -webkit-box-shadow:4px 4px  
4px 4px #7B6F84; box-shadow:4px 4px 4px  
4px #7B6F84 }
```

# Background

The CSS property to change the background color of an element to Hex 7B6F84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B6F84 }
```

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

```
.background{ background-color:#7B6F84 }
```

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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