

# Converting Colors

Hex(7B7B97)

Have a look what the booklet for  
Hex(7B7B97) contains.

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# Color

**Hex(7B7B97)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7B7B97
RGB	123, 123, 151
RGB Percent	48%, 48%, 59%
CMY	0.5176, 0.5176, 0.4078
CMYK	0.19, 0.19, 0.00, 0.41
HSL	240°, 12%, 54%
HSV	240°, 19%, 59%
XYZ	20.8373, 20.6112, 32.1583
YIQ	126.1920, -8.9880, 8.7080

# Conversions

## Conversions Part 2

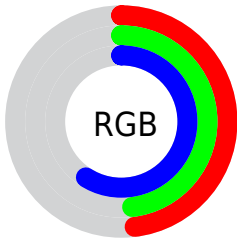
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	123, 123, 151
Decimal	8092567
CIE Lab	52.52, 6.14, -15.05
CIE LCh	53, 16.254, 292.186
Yxy	20.6112, 0.2831, 0.2800
Android (android.graphics.Color)	4286282647 (0xFF7B7B97)
YUV	126.1920, 12.2303, -2.7994
Hunter-Lab	45.3996, 2.4776, -10.2177

# Details

The Hex color **7B7B97** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **97977B**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **B0AFCD**, and **4A4A64** is the 20% darker color. If you saturate the color by 10%, you get **6C6C97**, and if you desaturate by 10%, it is **8A8A97**.

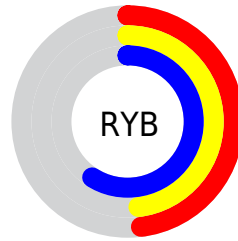
# Distribution



Red (48%)

Green (48%)

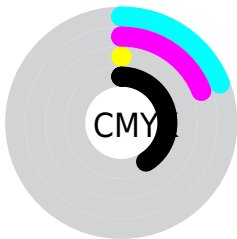
Blue (59%)



Red (48%)

Yellow (48%)

Blue (59%)

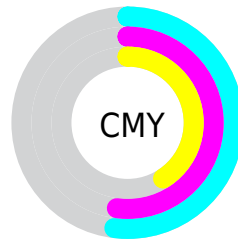


Cyan (19%)

Magenta (19%)

Yellow (0%)

Black (41%)



Cyan (52%)

Magenta (52%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B7B97 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 7B7B97 by changing the saturation by 10% instead.



■ 7B7B97

■ 7B7B97

FFFFFF

■ 62627D

■ B0AFCD

■ 4A4A64

■ CBCBE9

■ 33344C

■ E8E7FF

■ 1D1F35

■ 070620

■ 000005

■ 000000

■ 7B7B97

■ 7B7B97

■ 6C6C97

■ 8A8A97

■ 5D5D97

■ 999997

■ 4E4E97

■ A8A897

■ 3F3F97

■ B7B797

■ 303097

■ C7C797

■ 202097

■ D6D697

■ 111197

■ E5E597

■ 020297

■ F4F497

■ 000097

■ FFFF97

# Harmonies

## Analogous

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



688099



7B7B97



8C778F

# Triad

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



7B7B97



967768



5F8579

# Complementary

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



7B7B97



97977B

# 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.



6D836C



7B7B97



8C7B62

# Square

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



7B7B97



9A7473



7D8063



578587

# Rectangle

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



7B7B97



947486



7D8063



638574

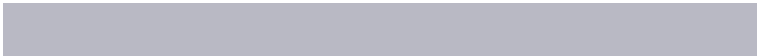


# Sweetspot

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



7B7B97



B9B9C4



7B9797



5C5C63



E3E3E3



636363



# Same Dimension

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



7B7B97



9999C4



897B97



45454D



00008C



00000D



# Inverse Universe

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



977B97



C499C4



89977B



4D454D



8C008C

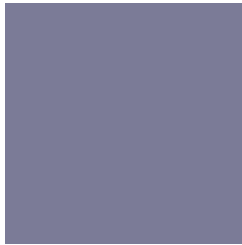


0D000D



# Previews

## White Background



This preview shows how the Hex color 7B7B97 looks on a white background.

## Color Contrast Check

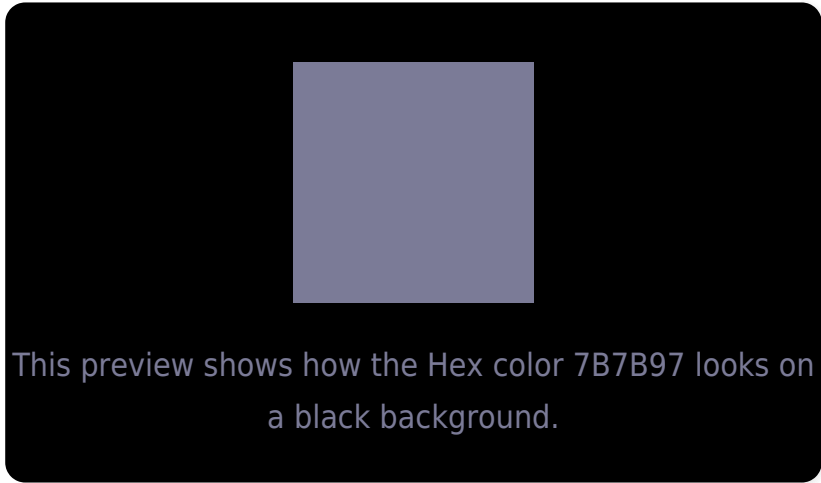
Large Text (above 18pt) WCAG AA ✓ Pass

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

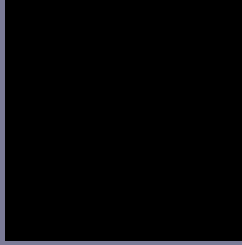
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

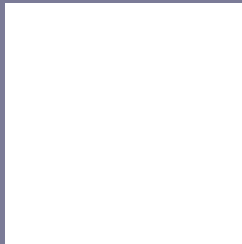
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7B7B97 Background



This preview shows how black text looks on a background with the Hex color 7B7B97.



This preview shows how white text looks on a background with the Hex color 7B7B97.

# 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**

7B7B97

**Protanopia**

777C98

**Deuteranopia**

7D7A97



**Tritanopia**  
787E88

# Trichromacy



**Original Color**  
7B7B97

**Protanomaly**  
787C98

**Deuteranomaly**  
7C7A97

**Tritanomaly**  
797D8D

# Monochromacy



**Original Color**  
7B7B97

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
7D7D87

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B7B97 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 #7B7B97 looks like.

```
.text, #text, p{  
    color:#7B7B97  
}
```

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 #7B7B97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B7B97
}
```

## Border

The CSS property to change the border of an element to Hex 7B7B97 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
#7B7B97 }
```

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

```
.border{ border-color:#7B7B97 }
```

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

Here you see how a box with a 4 pixel #7B7B97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B7B97; -webkit-box-shadow:4px 4px  
4px 4px #7B7B97; box-shadow:4px 4px 4px  
4px #7B7B97 }
```

# Background

The CSS property to change the background color of an element to Hex 7B7B97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B7B97 }
```

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

```
.background{ background-color:#7B7B97 }
```

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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