

# Converting Colors

Hex(7F7D97)

Have a look what the booklet for  
Hex(7F7D97) contains.

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# Color

Hex(7F7D97)

# Conversions

## Conversions Part 1

Format	Color
Hex	7F7D97
RGB	127, 125, 151
RGB Percent	50%, 49%, 59%
CMY	0.5020, 0.5098, 0.4078
CMYK	0.16, 0.17, 0.00, 0.41
HSL	245°, 11%, 54%
HSV	245°, 17%, 59%
XYZ	21.6719, 21.4136, 32.2692
YIQ	128.5620, -7.1540, 8.5100

# Conversions

## Conversions Part 2

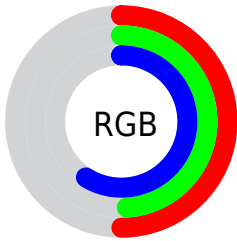
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 125, 151
Decimal	8355223
CIE Lab	53.40, 6.33, -13.69
CIE LCh	53, 15.081, 294.804
Yxy	21.4136, 0.2876, 0.2842
Android (android.graphics.Color)	4286545303 (0xFF7F7D97)
YUV	128.5620, 11.0619, -1.3699
Hunter-Lab	46.2749, 2.6160, -8.9527

# Details

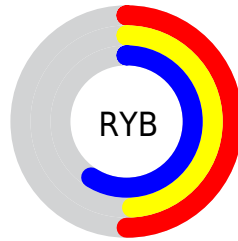
The Hex color **7F7D97** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **95977D**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **B4B2CD**, and **4E4C64** is the 20% darker color. If you saturate the color by 10%, you get **716E97**, and if you desaturate by 10%, it is **8D8C97**.

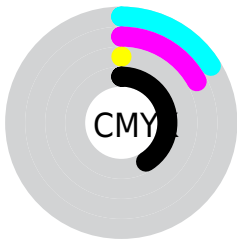
# Distribution



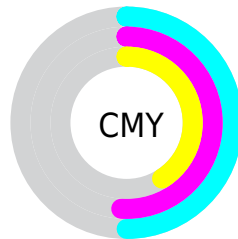
- Red (50%)
- Green (49%)
- Blue (59%)



- Red (50%)
- Yellow (49%)
- Blue (59%)



- Cyan (16%)
- Magenta (17%)
- Yellow (0%)
- Black (41%)



- Cyan (50%)
- Magenta (51%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F7D97 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 7F7D97 by changing the saturation by 10% instead.



■ 7F7D97

■ 7F7D97

FFFFFF

■ 66647D

■ B4B2CD

■ 4E4C64

■ D0CDE9

■ 37364C

■ ECE9FF

■ 212035

■ 0C0920

■ 000006

■ 000000

■ 7F7D97

■ 7F7D97

■ 716E97

■ 8D8C97

635F97

9B9B97

555097

A9AA97

474197

B7B997

393197

C5C997

2B2297

D3D897

1D1397

E1E797

0F0497

EFF697

0C0097

FCFF97

# Harmonies

## Analogous

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



6E8199



7F7D97



8E798F

# Triad

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



7F7D97



967A6B



63877D

# Complementary

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



7F7D97



95977D

# 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.



6F8570



7F7D97



8C7E66

# Square

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



7F7D97



9B7775



7E8268



5C878A

# Rectangle

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



7F7D97



967787



7E8268



668778

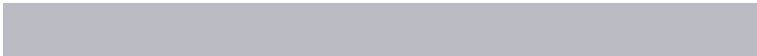


# Sweetspot

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



7F7D97



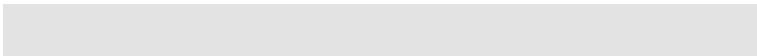
BBBBC4



7D9597



5E5D63



E3E3E3



636363



# Same Dimension

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



7F7D97



9E9BC4



8C7D97



45454D



0B008C



01000D



# Inverse Universe

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



977D95



C49BC1



88977D



4D454C



8C0081



0D000C



# Previews

## White Background



This preview shows how the Hex color 7F7D97 looks on a white background.

## Color Contrast Check

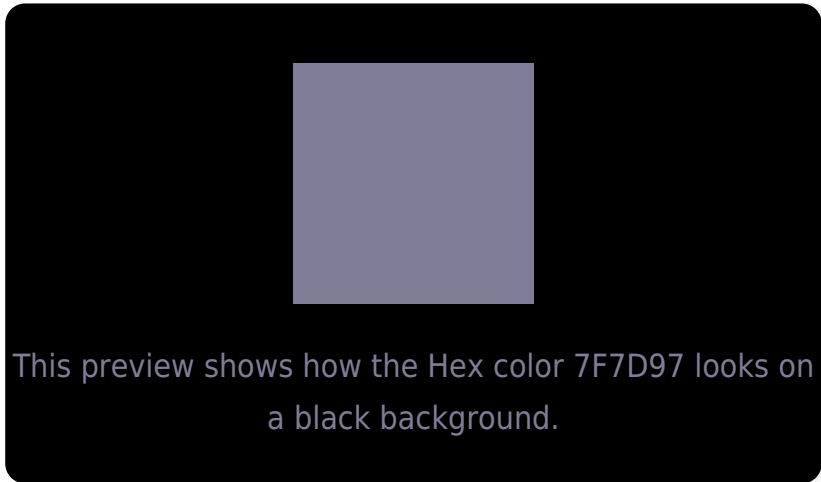
Large Text (above 18pt) WCAG AA ✓ Pass

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

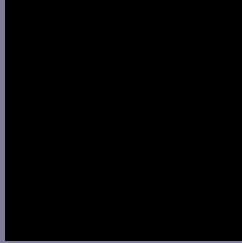
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7F7D97 Background



This preview shows how black text looks on a background with the Hex color 7F7D97.



This preview shows how white text looks on a background with the Hex color 7F7D97.

# 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**  
7F7D97

**Protanopia**  
7A7E98

**Deuteranopia**  
807D97



**Tritanopia**  
7D7F89

# Trichromacy



**Original Color**  
7F7D97

**Protanomaly**  
7C7E98

**Deuteranomaly**  
807D97

**Tritanomaly**  
7E7E8E

# Monochromacy



**Original Color**  
7F7D97

**Achromatopsia**  
818181

**Achromatomaly**  
808089

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F7D97 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 #7F7D97 looks like.

```
.text, #text, p{  
    color:#7F7D97  
}
```

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 #7F7D97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F7D97
}
```

## Border

The CSS property to change the border of an element to Hex 7F7D97 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
#7F7D97 }
```

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

```
.border{ border-color:#7F7D97 }
```

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

Here you see how a box with a 4 pixel #7F7D97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F7D97; -webkit-box-shadow:4px 4px  
4px 4px #7F7D97; box-shadow:4px 4px 4px  
4px #7F7D97 }
```

# Background

The CSS property to change the background color of an element to Hex 7F7D97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F7D97 }
```

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

```
.background{ background-color:#7F7D97 }
```

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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