

# Converting Colors

Hex(7C7A9F)

Have a look what the booklet for  
Hex(7C7A9F) contains.

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# Color

Hex(7C7A9F)

# Conversions

## Conversions Part 1

Format	Color
Hex	7C7A9F
RGB	124, 122, 159
RGB Percent	49%, 48%, 62%
CMY	0.5137, 0.5216, 0.3765
CMYK	0.22, 0.23, 0.00, 0.38
HSL	243°, 16%, 55%
HSV	243°, 23%, 62%
XYZ	21.5297, 20.7074, 35.6631
YIQ	126.8160, -10.6850, 11.9310

# Conversions

## Conversions Part 2

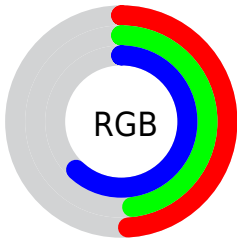
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	124, 122, 159
Decimal	8157855
CIE <sub>Lab</sub>	52.63, 8.98, -19.54
CIE <sub>LCh</sub>	53, 21.506, 294.689
Yxy	20.7074, 0.2764, 0.2658
Android (android.graphics.Color)	4286347935 (0xFF7C7A9F)
YUV	126.8160, 15.8667, -2.4696
Hunter-Lab	45.5053, 4.8185, -14.6125

# Details

The Hex color **7C7A9F** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9D9F7A**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **B1AED6**, and **4A496B** is the 20% darker color. If you saturate the color by 10%, you get **6D6A9F**, and if you desaturate by 10%, it is **8B8A9F**.

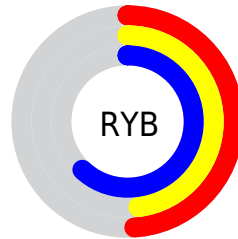
# Distribution



Red (49%)

Green (48%)

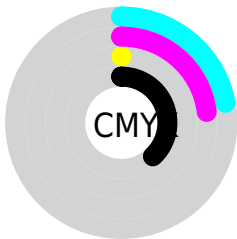
Blue (62%)



Red (49%)

Yellow (48%)

Blue (62%)

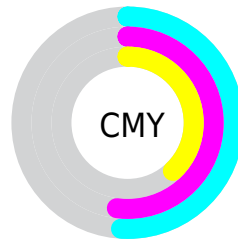


Cyan (22%)

Magenta (23%)

Yellow (0%)

Black (38%)



Cyan (51%)

Magenta (52%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C7A9F 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 7C7A9F by changing the saturation by 10% instead.



■ 7C7A9F

■ 7C7A9F

FFFFFF

■ 636185

■ B1AED6

■ 4A496B

■ CDCAF2

■ 333353

■ E9E6FF

■ 1C1E3C

■ 070526

■ 000110

■ 000000

■ 7C7A9F

■ 7C7A9F

■ 6D6A9F

■ 8B8A9F

■ 5E5A9F

■ 9A9A9F

■ 4F4A9F

■ A9AA9F

■ 403A9F

■ B8BA9F

■ 312B9F

■ C7CA9F

■ 221B9F

■ D6D99F

■ 130B9F

■ E5E99F

■ 09009F

■ F4F99F

■ FFFF9F

# Harmonies

## Analogous

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



6280A2



7C7A9F



927493

# Triad

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



7C7A9F



9C7560



52887A

# Complementary

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



7C7A9F



9D9F7A

# 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.



668568



7C7A9F



8E7B59

# Square

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



7C7A9F



A3716F



7B815C



46888C

# Rectangle

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



7C7A9F



9C7188



7B815C



588773



# Sweetspot

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



7C7A9F



C1C0CF



7A9D9F



616069



E8E8E8



696969



# Same Dimension

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



7C7A9F



9895CF



8E7A9F



48474F



08008F



01000F



# Inverse Universe

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



9F7A9D



CF95CB



8B9F7A



4F474F



8F0087

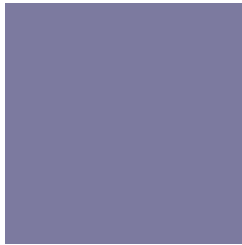


0F000E



# Previews

## White Background



This preview shows how the Hex color 7C7A9F looks on a white background.

## Color Contrast Check

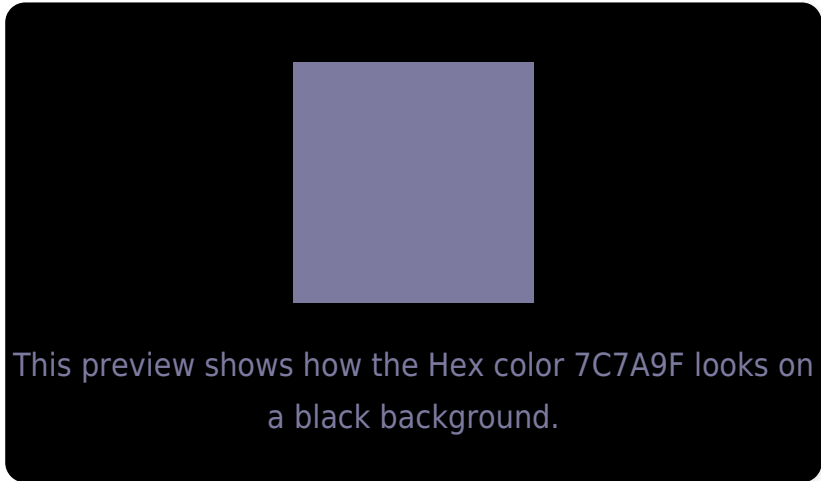
Large Text (above 18pt) WCAG AA ✓ Pass

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

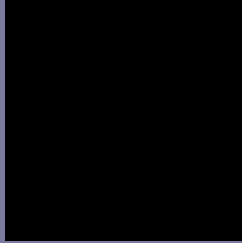
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7C7A9F Background



This preview shows how black text looks on a background with the Hex color 7C7A9F.



This preview shows how white text looks on a background with the Hex color 7C7A9F.

# 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**  
7C7A9F

**Protanopia**  
747CA1

**Deuteranopia**  
787B9F



**Tritanopia**  
787E88

# Trichromacy



**Original Color**

7C7A9F

**Protanomaly**

777BA0

**Deuteranomaly**

797B9F

**Tritanomaly**

797D90

# Monochromacy



**Original Color**

7C7A9F

**Achromatopsia**

7F7F7F

**Achromatomaly**

7E7D8B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C7A9F 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 #7C7A9F looks like.

```
.text, #text, p{  
  color:#7C7A9F  
}
```

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 #7C7A9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C7A9F
}
```

## Border

The CSS property to change the border of an element to Hex 7C7A9F 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".

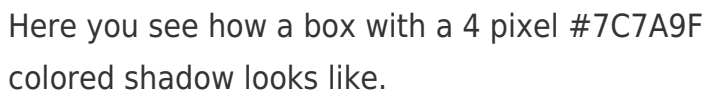
```
.border, #border, table{ border:4px solid
#7C7A9F }
```

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

```
.border{ border-color:#7C7A9F }
```

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

Here you see how a box with a 4 pixel #7C7A9F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C7A9F; -webkit-box-shadow:4px 4px  
4px 4px #7C7A9F; box-shadow:4px 4px 4px  
4px #7C7A9F }
```

# Background

The CSS property to change the background color of an element to Hex 7C7A9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C7A9F }
```

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

```
.background{ background-color:#7C7A9F }
```

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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