

# Converting Colors

Hex(7C8298)

Have a look what the booklet for  
Hex(7C8298) contains.

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# Color

Hex(7C8298)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7C8298
RGB	124, 130, 152
RGB Percent	49%, 51%, 60%
CMY	0.5137, 0.4902, 0.4039
CMYK	0.18, 0.14, 0.00, 0.40
HSL	227°, 12%, 54%
HSV	227°, 18%, 60%
XYZ	21.9623, 22.5173, 32.8945
YIQ	130.7140, -10.6380, 5.5700

# Conversions

## Conversions Part 2

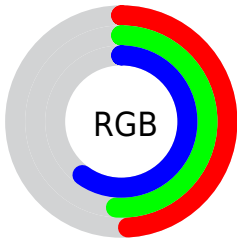
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 129, 152
Decimal	8159896
CIELab	54.57, 2.63, -12.52
CIELCh	55, 12.798, 281.866
Yxy	22.5173, 0.2838, 0.2910
Android (android.graphics.Color)	4286349976 (0xFF7C8298)
YUV	130.7140, 10.4940, -5.8882
Hunter-Lab	47.4524, -0.4270, -7.8837

# Details

The Hex color **7C8298** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **98927C**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **B1B7CE**, and **4B5165** is the 20% darker color. If you saturate the color by 10%, you get **6D7698**, and if you desaturate by 10%, it is **8B8E98**.

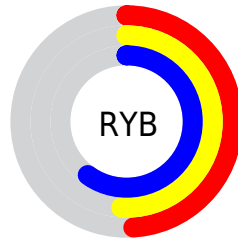
# Distribution



Red (49%)

Green (51%)

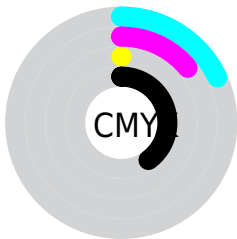
Blue (60%)



Red (49%)

Yellow (51%)

Blue (60%)

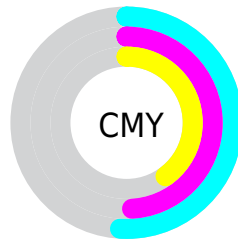


Cyan (18%)

Magenta (14%)

Yellow (0%)

Black (40%)



Cyan (51%)

Magenta (49%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C8298 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 7C8298 by changing the saturation by 10% instead.



■ 7C8298

■ 7C8298

FFFFFF

■ 63697E

■ B1B7CE

■ 4B5165

■ CCD2EB

■ 343A4D

■ E9EFFF

■ 1E2436

■ 080F21

■ 000008

■ 000000

■ 7C8298

■ 7C8298

■ 6D7698

■ 8B8E98

■ 5E6A98

■ 9A9A98

■ 4E5E98

■ AAA698

■ 3F5298

■ B9B298

■ 304698

■ C8BE98

■ 213A98

■ D7CA98

■ 122E98

■ E6D698

■ 022298

■ F6E298

■ 002198

■ FFED98

# Harmonies

## Analogous

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



6F8697



7C8298



8A7E93

# Triad

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



7C8298



997C74



6E887B

# Complementary

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



7C8298



98927C

# 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.



7A8672



7C8298



92806E

# Square

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



7C8298



9A7B7E



87836D



678987

# Rectangle

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



7C8298



927C8D



87836D



728878

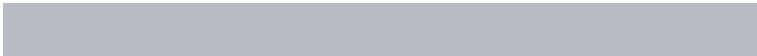


# Sweetspot

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



7C8298



B9BBC4



7C9892



5C5E63



E3E3E3



636363



# Same Dimension

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



7C8298



99A2C4



847C98



45464D



001E8C



00030D



# Inverse Universe

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



987C82



C499A2



90987C



4D4546



8C001E

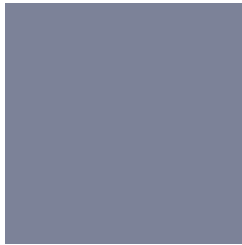


0D0003



# Previews

## White Background



This preview shows how the Hex color 7C8298 looks on a white background.

## Color Contrast Check

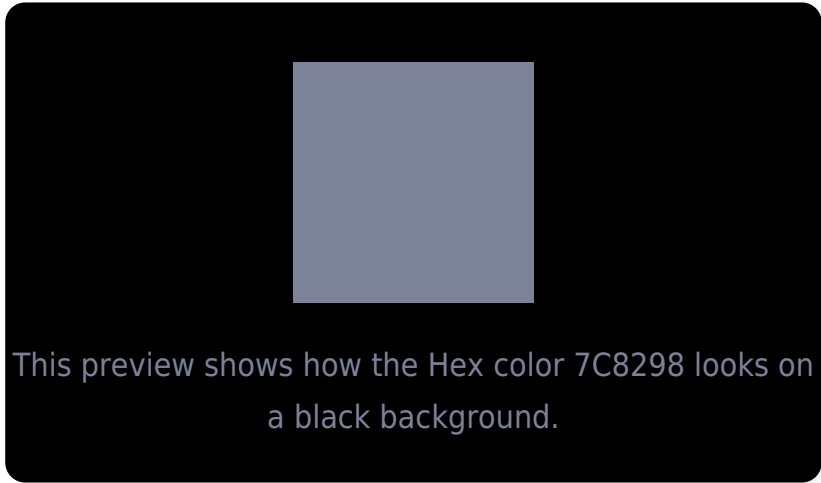
Large Text (above 18pt) WCAG AA ✓ Pass

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

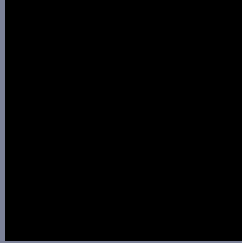
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

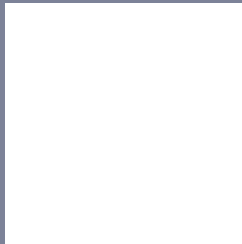
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7C8298 Background



This preview shows how black text looks on a background with the Hex color 7C8298.



This preview shows how white text looks on a background with the Hex color 7C8298.

# 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**

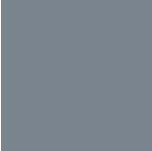
7C8298

**Protanopia**

7E8198

**Deuteranopia**

847F99



**Tritanopia**  
7A848E

# Trichromacy



**Original Color**  
7C8298

**Protanomaly**  
7D8198

**Deuteranomaly**  
818099

**Tritanomaly**  
7B8392

# Monochromacy



**Original Color**  
7C8298

**Achromatopsia**  
838383

**Achromatomaly**  
80838B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C8298 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 #7C8298 looks like.

```
.text, #text, p{  
    color:#7C8298  
}
```

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 #7C8298 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C8298
}
```

## Border

The CSS property to change the border of an element to Hex 7C8298 is called "border". The border property can be set on classes, ids or directly on the HTML element.

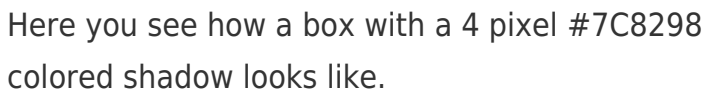
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7C8298 }
```

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

```
.border{ border-color:#7C8298 }
```

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



Here you see how a box with a 4 pixel #7C8298 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C8298; -webkit-box-shadow:4px 4px  
4px 4px #7C8298; box-shadow:4px 4px 4px  
4px #7C8298 }
```

# Background

The CSS property to change the background color of an element to Hex 7C8298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C8298 }
```

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

```
.background{ background-color:#7C8298 }
```

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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