

# Converting Colors

Hex(7D8A9D)

Have a look what the booklet for  
Hex(7D8A9D) contains.

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# Color

**Hex(7D8A9D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D8A9D
RGB	125, 138, 157
RGB Percent	49%, 54%, 62%
CMY	0.5098, 0.4588, 0.3843
CMYK	0.20, 0.12, 0.00, 0.38
HSL	216°, 14%, 55%
HSV	216°, 20%, 62%
XYZ	23.6317, 24.9713, 35.4727
YIQ	136.2790, -13.8470, 3.1530

# Conversions

## Conversions Part 2

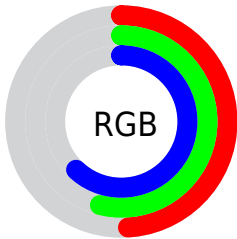
<b>Format</b>	<b>Color</b>
<b>RYB</b>	125, 134, 157
Decimal	8227485
CIELab	57.05, -0.45, -11.67
CIElCh	57, 11.683, 267.769
Yxy	24.9713, 0.2811, 0.2970
Android (android.graphics.Color)	4286417565 (0xFF7D8A9D)
YUV	136.2790, 10.2155, -9.8917
Hunter-Lab	49.9712, -3.0359, -7.1079

# Details

The Hex color **7D8A9D** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **9D907D**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **B2BFD4**, and **4C586A** is the 20% darker color. If you saturate the color by 10%, you get **6D819D**, and if you desaturate by 10%, it is **8D939D**.

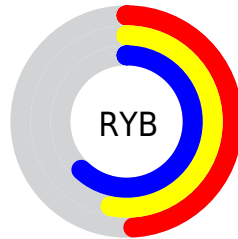
# Distribution



Red (49%)

Green (54%)

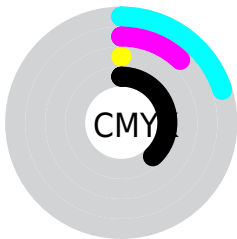
Blue (62%)



Red (49%)

Yellow (53%)

Blue (62%)

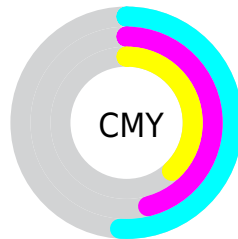


Cyan (20%)

Magenta (12%)

Yellow (0%)

Black (38%)



Cyan (51%)

Magenta (46%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D8A9D 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 7D8A9D by changing the saturation by 10% instead.



■ 7D8A9D

■ 7D8A9D

FFFFFF

■ 647183

■ B2BFD4

■ 4C586A

■ CEDBF0

■ 344152

■ EAF8FF

■ 1E2B3B

■ 081725

■ 00010F

■ 000000

■ 7D8A9D

■ 7D8A9D

■ 6D819D

■ 8D939D

■ 5E779D

■ 9C9D9D

■ 4E6E9D

■ ACA69D

■ 3E659D

■ BCAF9D

■ 2E5B9D

■ CCB99D

■ 1F529D

■ DBC29D

■ 0F499D

■ EBCB9D

■ 00409D

■ FBD59D

■ FFDE9D

# Harmonies

## Analogous

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



738D9A



7D8A9D



8A879B

# Triad

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



7D8A9D



9F8280



7B8E7E

# Complementary

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



7D8A9D



9D907D

# 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.



878B77



7D8A9D



9B8578

# Square

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



7D8A9D



9D828A



928875



728F88

# Rectangle

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



7D8A9D



928497



928875



7F8D7B



# Sweetspot

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



7D8A9D



C0C5CC



7D9D90



5F6266



E6E6E6



666666



# Same Dimension

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



7D8A9D



9BAFCC



807D9D



474A4F



003A8F



00060F



# Inverse Universe

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



9D7D8A



CC9BAF



9A9D7D



4F474A



8F003A

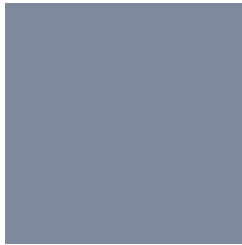


0F0006



# Previews

## White Background



This preview shows how the Hex color 7D8A9D looks on a white background.

## Color Contrast Check

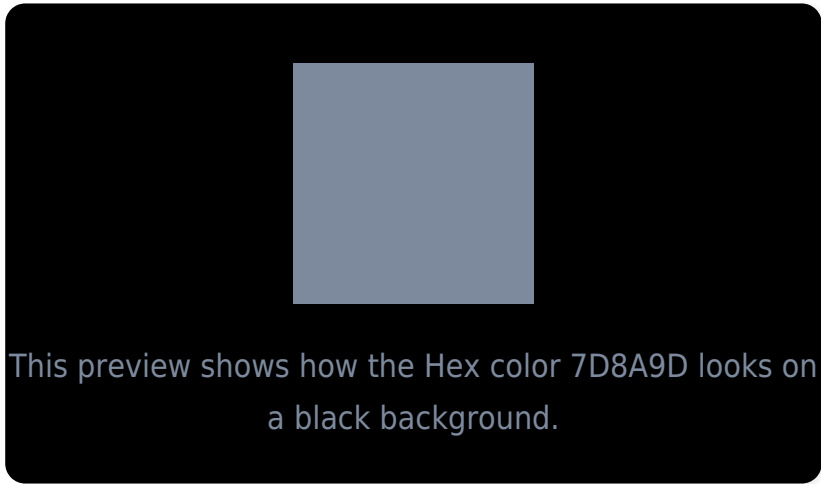
Large Text (above 18pt) WCAG AA ✓ Pass

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

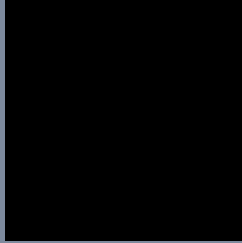
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

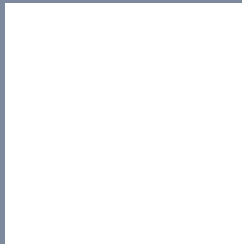
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7D8A9D Background



This preview shows how black text looks on a background with the Hex color 7D8A9D.



This preview shows how white text looks on a background with the Hex color 7D8A9D.

# 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**  
7D8A9D

**Protanopia**  
86889B

**Deuteranopia**  
8C859E



**Tritanopia**  
7C8B96

# Trichromacy



**Original Color**  
7D8A9D

**Protanomaly**  
83899C

**Deuteranomaly**  
87879E

**Tritanomaly**  
7C8B99

# Monochromacy



**Original Color**  
7D8A9D

**Achromatopsia**  
888888

**Achromatomaly**  
848990

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D8A9D 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 #7D8A9D looks like.

```
.text, #text, p{  
    color:#7D8A9D  
}
```

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 #7D8A9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D8A9D
}
```

## Border

The CSS property to change the border of an element to Hex 7D8A9D 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
#7D8A9D }
```

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

```
.border{ border-color:#7D8A9D }
```

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

Here you see how a box with a 4 pixel #7D8A9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D8A9D; -webkit-box-shadow:4px 4px  
4px 4px #7D8A9D; box-shadow:4px 4px 4px  
4px #7D8A9D }
```

# Background

The CSS property to change the background color of an element to Hex 7D8A9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D8A9D }
```

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

```
.background{ background-color:#7D8A9D }
```

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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