

Converting Colors

Hex(7D8A9C)

Have a look what the booklet for
Hex(7D8A9C) contains.

Hex(7D8A9C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7D8A9C)

Conversions

Conversions Part 1

Format	Color
Hex	7D8A9C
RGB	125, 138, 156
RGB Percent	49%, 54%, 61%
CMY	0.5098, 0.4588, 0.3882
CMYK	0.20, 0.12, 0.00, 0.39
HSL	215°, 14%, 55%
HSV	215°, 20%, 61%
XYZ	23.5467, 24.9372, 35.0248
YIQ	136.1650, -13.5260, 2.8420

Conversions

Conversions Part 2

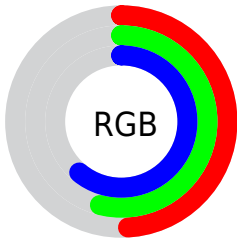
Format	Color
RYB	125, 134, 156
Decimal	8227484
CIELab	57.01, -0.69, -11.15
CIElCh	57, 11.171, 266.462
Yxy	24.9372, 0.2820, 0.2986
Android (android.graphics.Color)	4286417564 (0xFF7D8A9C)
YUV	136.1650, 9.7787, -9.7917
Hunter-Lab	49.9372, -3.2227, -6.6286

Details

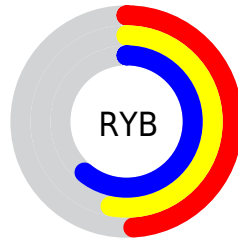
The Hex color **7D8A9C** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **9C8F7D**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **B2BFD2**, and **4C5869** is the 20% darker color. If you saturate the color by 10%, you get **6D819C**, and if you desaturate by 10%, it is **8D939C**.

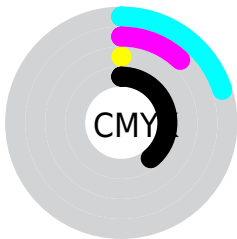
Distribution



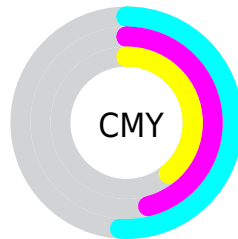
- Red (49%)
- Green (54%)
- Blue (61%)



- Red (49%)
- Yellow (53%)
- Blue (61%)



- Cyan (20%)
- Magenta (12%)
- Yellow (0%)
- Black (39%)



- Cyan (51%)
- Magenta (46%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D8A9C 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 7D8A9C by changing the saturation by 10% instead.

■ 7D8A9C

FFFFFF

■ B2BFD2

■ CEDBEF

■ EAF8FF

■ 7D8A9C

■ 647182

■ 4C5869

■ 344151

■ 1E2B3A

■ 081724

■ 00010E

■ 000000

■ 7D8A9C

■ 6D819C

■ 7D8A9C

■ 8D939C

■ 5E789C

■ 9C9C9C

■ 4E6F9C

■ ACA59C

■ 3F669C

■ BBAE9C

■ 2F5D9C

■ CBB79C

■ 1F549C

■ DBC09C

■ 104B9C

■ EAC99C

■ 00429C

■ FAD29C

■ 00419C

■ FFDC9C

Harmonies

Analogous

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



738D99



7D8A9C



89879A

Triad

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



7D8A9C



9E8381



7C8D7E

Complementary

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



7D8A9C



9C8F7D

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



7D8A9C



9A8579

Square

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



7D8A9C



9C828A



928876



738F87

Rectangle

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



7D8A9C



918596



928876



808D7B

Sweetspot

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



7D8A9C



C0C5CC



7D9C8F



5F6266



E6E6E6



666666

Same Dimension

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



7D8A9C



9BB0CC



7F7D9C



474A4F



003C8F



00060F

Inverse Universe

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



9C7D8A



CC9BB0



9A9C7D



4F474A



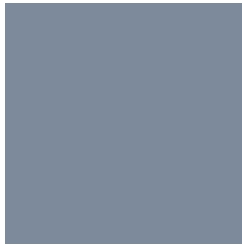
8F003C



0F0006

Previews

White Background



This preview shows how the Hex color 7D8A9C looks on a white background.

Color Contrast Check

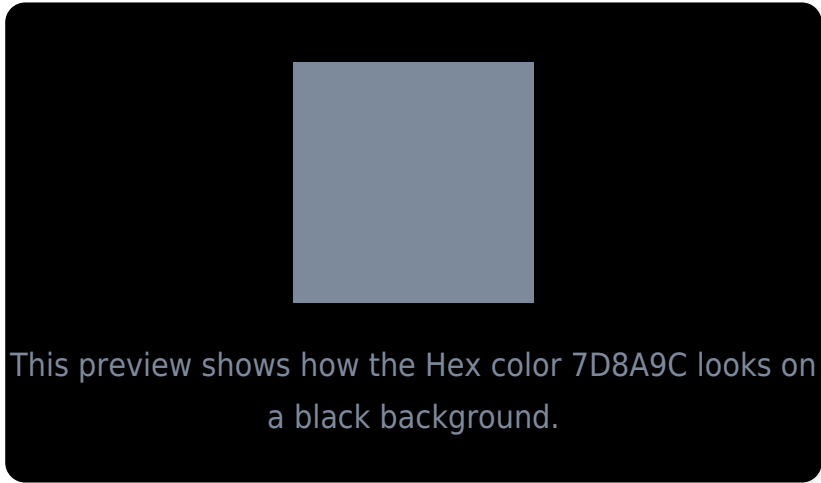
Large Text (above 18pt) WCAG AA ✓ Pass

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

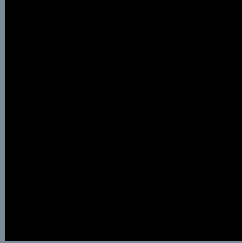
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

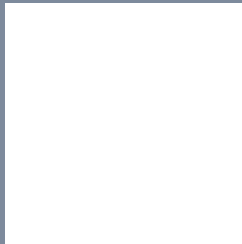
Any Text WCAG AAA × Fail

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

Hex 7D8A9C Background



This preview shows how black text looks on a background with the Hex color 7D8A9C.



This preview shows how white text looks on a background with the Hex color 7D8A9C.

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

7D8A9C

Protanopia

86889A

Deuteranopia

8C859D



Tritanopia
7C8B96

Trichromacy



Original Color

7D8A9C

Protanomaly

83899B

Deuteranomaly

87879D

Tritanomaly

7C8B98

Monochromacy



Original Color

7D8A9C

Achromatopsia

888888

Achromatomaly

84898F

CSS Examples

Text

The CSS property to change the color of the text to Hex 7D8A9C 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 #7D8A9C looks like.

```
.text, #text, p{  
    color:#7D8A9C  
}
```

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 #7D8A9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D8A9C
}
```

Border

The CSS property to change the border of an element to Hex 7D8A9C 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
#7D8A9C }
```

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

```
.border{ border-color:#7D8A9C }
```

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

Here you see how a box with a 4 pixel #7D8A9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D8A9C; -webkit-box-shadow:4px 4px  
4px 4px #7D8A9C; box-shadow:4px 4px 4px  
4px #7D8A9C }
```

Background

The CSS property to change the background color of an element to Hex 7D8A9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D8A9C }
```

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

```
.background{ background-color:#7D8A9C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor