

Converting Colors

Hex(7C8AA3)

Have a look what the booklet for
Hex(7C8AA3) contains.

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Color

Hex(7C8AA3)

Conversions

Conversions Part 1

Format	Color
Hex	7C8AA3
RGB	124, 138, 163
RGB Percent	49%, 54%, 64%
CMY	0.5137, 0.4588, 0.3608
CMYK	0.24, 0.15, 0.00, 0.36
HSL	218°, 17%, 56%
HSV	218°, 24%, 64%
XYZ	24.0115, 25.1064, 38.2308
YIQ	136.6640, -16.3690, 4.8070

Conversions

Conversions Part 2

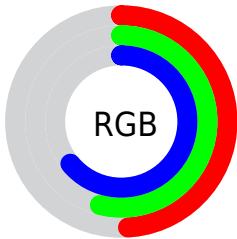
Format	Color
RYB	124, 134, 163
Decimal	8161955
CIELab	57.18, 0.65, -14.93
CIElCh	57, 14.940, 272.507
Yxy	25.1064, 0.2749, 0.2874
Android (android.graphics.Color)	4286352035 (0xFF7C8AA3)
YUV	136.6640, 12.9836, -11.1063
Hunter-Lab	50.1063, -2.1467, -10.1635

Details

The Hex color **7C8AA3** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **A3957C**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **B1BFDA**, and **4A586F** is the 20% darker color. If you saturate the color by 10%, you get **6C80A3**, and if you desaturate by 10%, it is **8C94A3**.

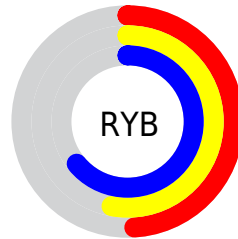
Distribution



Red (49%)

Green (54%)

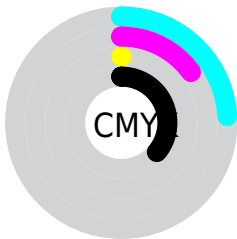
Blue (64%)



Red (49%)

Yellow (53%)

Blue (64%)

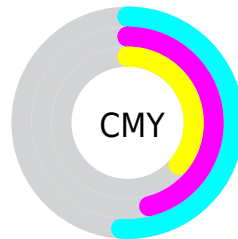


Cyan (24%)

Magenta (15%)

Yellow (0%)

Black (36%)



Cyan (51%)

Magenta (46%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C8AA3 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 7C8AA3 by changing the saturation by 10% instead.



7C8AA3



7C8AA3

FFFFFF



637189



B1BFDA



4A586F



CDDBF6



334157



E9F8FF



1C2B3F



051729



000115



000000



7C8AA3



7C8AA3



6C80A3



8C94A3

■ 5B75A3

■ 9D9FA3

■ 4B6BA3

■ ADA9A3

■ 3B60A3

■ BDB4A3

■ 2B56A3

■ CDBEA3

■ 1A4BA3

■ DEC9A3

■ 0A41A3

■ EED3A3

■ 003BA3

■ FEDEA3

■ FFE8A3

Harmonies

Analogous

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



6D8EA0



7C8AA3



8D869F

Triad

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



7C8AA3



A4817C



75907D

Complementary

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



7C8AA3



A3957C

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.



848D73



7C8AA3



9E8473

Square

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



7C8AA3



A38089



92896F



6A918A

Rectangle

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



7C8AA3



978399



92896F



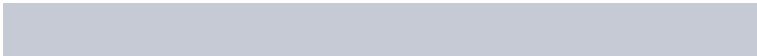
7A8F79

Sweetspot

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



7C8AA3



C5CAD4



7CA395



63666B



EBEBEB



6B6B6B

Same Dimension

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



7C8AA3



96ACD4



817CA3



494C52



003491



000612

Inverse Universe

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



A37C8A



D496AC



9EA37C



52494C



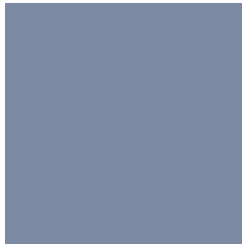
910034



120006

Previews

White Background



This preview shows how the Hex color 7C8AA3 looks on a white background.

Color Contrast Check

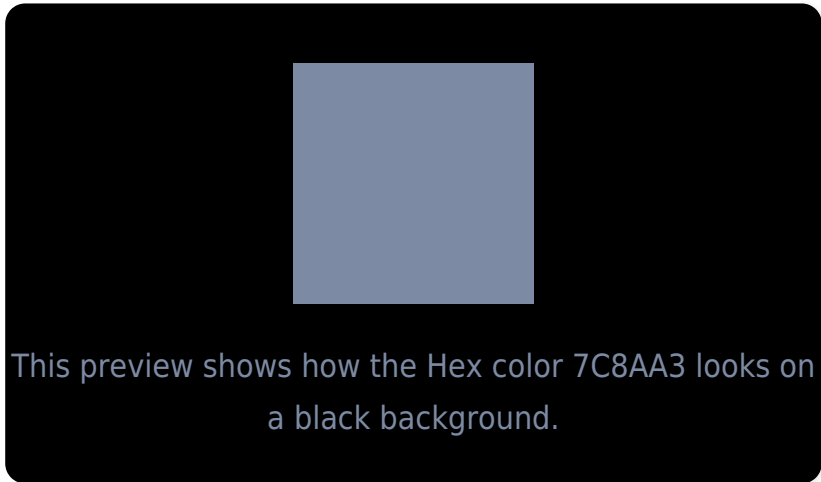
Large Text (above 18pt) WCAG AA ✓ Pass

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

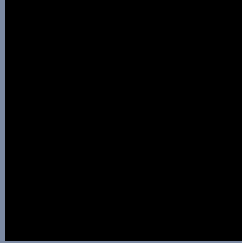
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

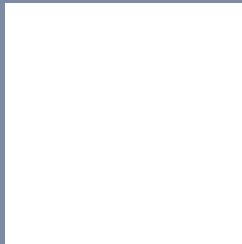
Any Text WCAG AAA × Fail

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

Hex 7C8AA3 Background



This preview shows how black text looks on a background with the Hex color 7C8AA3.



This preview shows how white text looks on a background with the Hex color 7C8AA3.

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

7C8AA3

Protanopia

8488A2

Deuteranopia

8986A4



Tritanopia
7A8C97

Trichromacy



Original Color

7C8AA3

Protanomaly

8189A2

Deuteranomaly

8487A4

Tritanomaly

7B8B9B

Monochromacy



Original Color

7C8AA3

Achromatopsia

898989

Achromatomaly

848992

CSS Examples

Text

The CSS property to change the color of the text to Hex 7C8AA3 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 #7C8AA3 looks like.

```
.text, #text, p{  
    color:#7C8AA3  
}
```

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 #7C8AA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C8AA3  
}
```

Border

The CSS property to change the border of an element to Hex 7C8AA3 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  
#7C8AA3 }
```

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

```
.border{ border-color:#7C8AA3 }
```

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

Here you see how a box with a 4 pixel #7C8AA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C8AA3; -webkit-box-shadow:4px 4px  
4px 4px #7C8AA3; box-shadow:4px 4px 4px  
4px #7C8AA3 }
```

Background

The CSS property to change the background color of an element to Hex 7C8AA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C8AA3 }
```

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

```
.background{ background-color:#7C8AA3 }
```

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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