

# Converting Colors

Hex(7B8AA3)

Have a look what the booklet for  
Hex(7B8AA3) contains.

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# Color

**Hex(7B8AA3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B8AA3
RGB	123, 138, 163
RGB Percent	48%, 54%, 64%
CMY	0.5176, 0.4588, 0.3608
CMYK	0.25, 0.15, 0.00, 0.36
HSL	218°, 18%, 56%
HSV	218°, 25%, 64%
XYZ	23.8677, 25.0323, 38.2241
YIQ	136.3650, -16.9650, 4.5950

# Conversions

## Conversions Part 2

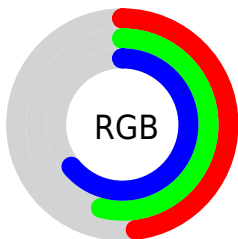
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	123, 134, 163
Decimal	8096419
CIE <sub>Lab</sub>	57.11, 0.33, -15.04
CIE <sub>LCh</sub>	57, 15.045, 271.265
Yxy	25.0323, 0.2740, 0.2873
Android (android.graphics.Color)	4286286499 (0xFF7B8AA3)
YUV	136.3650, 13.1311, -11.7211
Hunter-Lab	50.0322, -2.4036, -10.2743

# Details

The Hex color **7B8AA3** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **A3947B**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **B0BFDA**, and **49586F** is the 20% darker color. If you saturate the color by 10%, you get **6B80A3**, and if you desaturate by 10%, it is **8B94A3**.

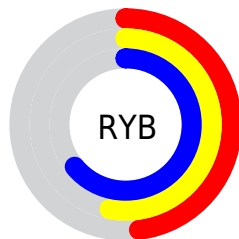
# Distribution



Red (48%)

Green (54%)

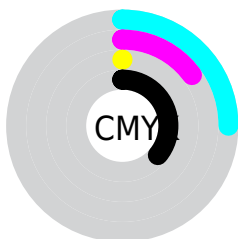
Blue (64%)



Red (48%)

Yellow (53%)

Blue (64%)

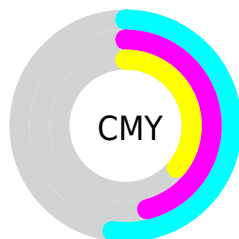


Cyan (25%)

Magenta (15%)

Yellow (0%)

Black (36%)



Cyan (52%)

Magenta (46%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B8AA3 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 7B8AA3 by changing the saturation by 10% instead.





7B8AA3



7B8AA3

FFFFFF



627189



B0BFDA



49586F



CCDBF6



324157



E8F8FF



1B2B3F



041729



000115



000000



7B8AA3



7B8AA3



6B80A3



8B94A3

■ 5A76A3

■ 9C9EA3

■ 4A6BA3

■ ACA9A3

■ 3A61A3

■ BCB3A3

■ 2A57A3

■ CDBDA3

■ 194DA3

■ DDC7A3

■ 0943A3

■ EDD1A3

■ 003DA3

■ FDDBA3

■ FFE6A3

# Harmonies

## Analogous

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



6C8EA0



7B8AA3



8C869F

# Triad

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



7B8AA3



A4817C



768F7C

# Complementary

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



7B8AA3



A3947B

# 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.



848C72



7B8AA3



9E8473

# Square

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



7B8AA3



A38089



93886F



6A9189

# Rectangle

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



7B8AA3



96839A



93886F



7A8F78

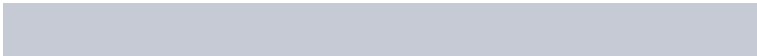


# Sweetspot

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



7B8AA3



C5CAD4



7BA394



63666B



EBEBEB



6B6B6B



# Same Dimension

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



7B8AA3



96ADD4



807BA3



494D52



003791



000712



# Inverse Universe

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



A37B8A



D496AD



9EA37B



52494D



910037

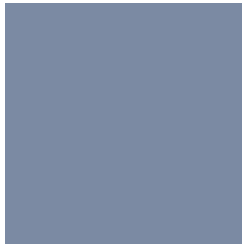


120007



# Previews

## White Background



This preview shows how the Hex color 7B8AA3 looks on a white background.

## Color Contrast Check

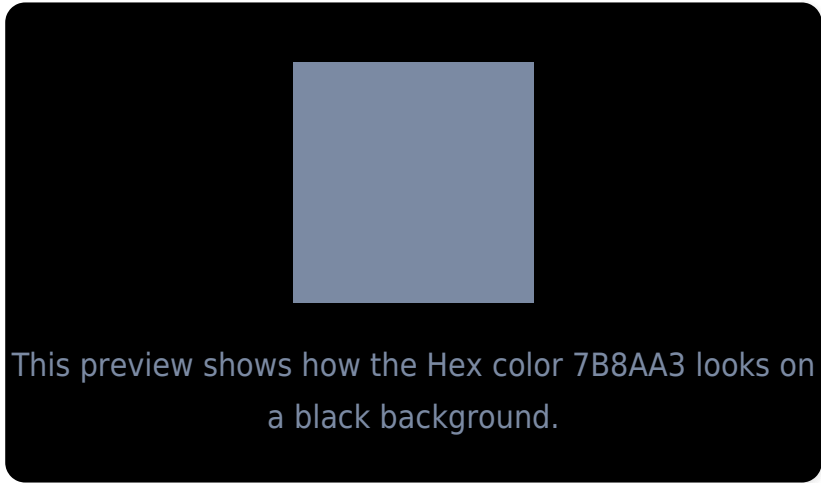
Large Text (above 18pt) WCAG AA ✓ Pass

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

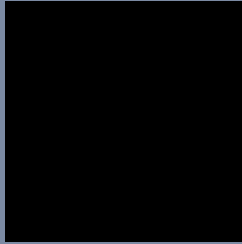
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

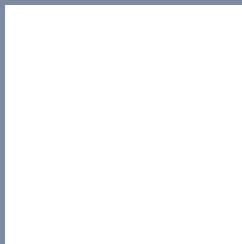
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7B8AA3 Background



This preview shows how black text looks on a background with the Hex color 7B8AA3.

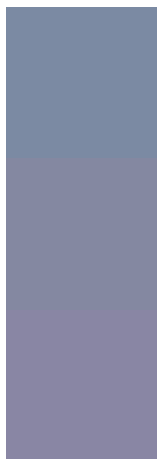


This preview shows how white text looks on a background with the Hex color 7B8AA3.

# 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**

7B8AA3

**Protanopia**

8488A1

**Deuteranopia**

8986A4



**Tritanopia**  
798C97

# Trichromacy



**Original Color**

7B8AA3

**Protanomaly**

8189A2

**Deuteranomaly**

8487A4

**Tritanomaly**

7A8B9B

# Monochromacy



**Original Color**

7B8AA3

**Achromatopsia**

888888

**Achromatomaly**

838992

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B8AA3 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 #7B8AA3 looks like.

```
.text, #text, p{  
    color:#7B8AA3  
}
```

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 #7B8AA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B8AA3
}
```

## Border

The CSS property to change the border of an element to Hex 7B8AA3 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
#7B8AA3 }
```

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

```
.border{ border-color:#7B8AA3 }
```

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

Here you see how a box with a 4 pixel #7B8AA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B8AA3; -webkit-box-shadow:4px 4px  
4px 4px #7B8AA3; box-shadow:4px 4px 4px  
4px #7B8AA3 }
```

# Background

The CSS property to change the background color of an element to Hex 7B8AA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B8AA3 }
```

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

```
.background{ background-color:#7B8AA3 }
```

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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