

# Converting Colors

Hex(7B8ABA)

Have a look what the booklet for  
Hex(7B8ABA) contains.

<b>Hex(7B8ABA)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(7B8ABA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7B8ABA
RGB	123, 138, 186
RGB Percent	48%, 54%, 73%
CMY	0.5176, 0.4588, 0.2706
CMYK	0.34, 0.26, 0.00, 0.27
HSL	226°, 31%, 61%
HSV	226°, 34%, 73%
XYZ	26.1198, 25.9331, 50.0833
YIQ	138.9870, -24.3480, 11.7480

# Conversions

## Conversions Part 2

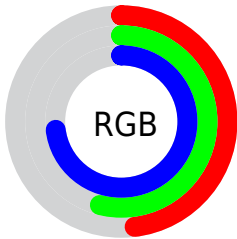
<b>Format</b>	<b>Color</b>
<b>RYB</b>	123, 135, 186
Decimal	8096442
CIELab	57.97, 6.22, -26.85
CIELCh	58, 27.557, 283.048
Yxy	25.9331, 0.2557, 0.2539
Android (android.graphics.Color)	4286286522 (0xFF7B8ABA)
YUV	138.9870, 23.1774, -14.0206
Hunter-Lab	50.9245, 2.4368, -22.6634

# Details

The Hex color **7B8ABA** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **BAAB7B**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **B1BFF2**, and **485885** is the 20% darker color. If you saturate the color by 10%, you get **687CBA**, and if you desaturate by 10%, it is **8E98BA**.

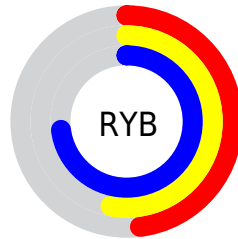
# Distribution



Red (48%)

Green (54%)

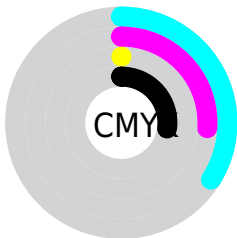
Blue (73%)



Red (48%)

Yellow (53%)

Blue (73%)

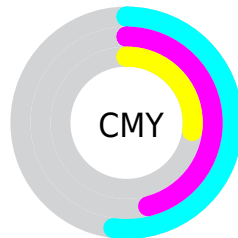


Cyan (34%)

Magenta (26%)

Yellow (0%)

Black (27%)



Cyan (52%)

Magenta (46%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B8ABA 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 7B8ABA by changing the saturation by 10% instead.



■ 7B8ABA

■ 7B8ABA

FFFFFF

■ 61719F

■ B1BFF2

■ 485885

■ CDD8FF

■ 2E416B

■ EAF8FF

■ 132B53

■ 00173B

■ 000226

■ 00010E

■ 000000

■ 7B8ABA

■ 7B8ABA

687CBA

8E98BA

566EBA

A0A6BA

435FBA

B3B5BA

3151BA

C5C3BA

1E43BA

D8D1BA

0B35BA

EBDFBA

002CBA

FDEDBA

FFFBBA

FFFFBA

# Harmonies

## Analogous

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



5692B9



7B8ABA



9C81AF

# Triad

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



7B8ABA



B77D6C



5A987C

# Complementary

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



7B8ABA



BAAB7B

# 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.



779467



7B8ABA



A8855E

# Square

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



7B8ABA



BB7982



918D5C



419995

# Rectangle

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



7B8ABA



AC7DA2



918D5C



639775



# Sweetspot

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



7B8ABA



DAE0F2



7BBAAA



6C6F7A



FAFAFA



7A7A7A



# Same Dimension

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



7B8ABA



8FA7F2



8B7BBA



53555C



00259C



00071C



# Inverse Universe

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



BA7B8A



F28FA7



AABA7B



5C5355



9C0025

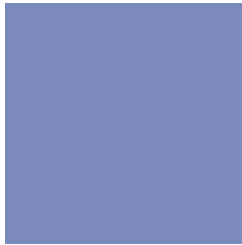


1C0007



# Previews

## White Background



This preview shows how the Hex color 7B8ABA looks on a white background.

## Color Contrast Check

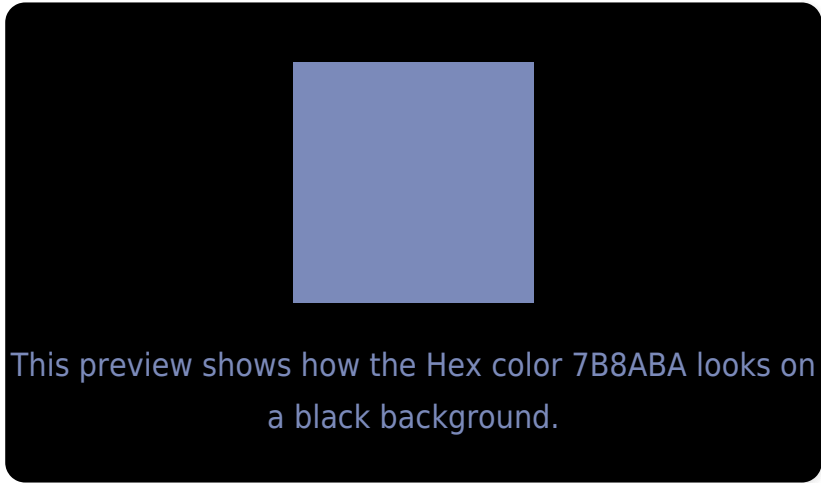
Large Text (above 18pt) WCAG AA ✓ Pass

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

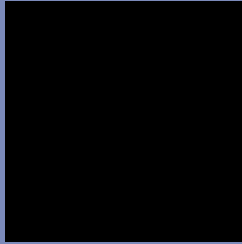
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7B8ABA Background



This preview shows how black text looks on a background with the Hex color 7B8ABA.



This preview shows how white text looks on a background with the Hex color 7B8ABA.

# 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**

7B8ABA

**Protanopia**

7E89BA

**Deuteranopia**

7E89BA



**Tritanopia**  
74909B

# Trichromacy



**Original Color**

7B8ABA

**Protanomaly**

7D89BA

**Deuteranomaly**

7D89BA

**Tritanomaly**

778EA6

# Monochromacy



**Original Color**

7B8ABA

**Achromatopsia**

8B8B8B

**Achromatomaly**

858B9C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B8ABA 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 #7B8ABA looks like.

```
.text, #text, p{  
    color:#7B8ABA  
}
```

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 #7B8ABA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B8ABA
}
```

## Border

The CSS property to change the border of an element to Hex 7B8ABA 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
#7B8ABA }
```

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

```
.border{ border-color:#7B8ABA }
```

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

Here you see how a box with a 4 pixel #7B8ABA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B8ABA; -webkit-box-shadow:4px 4px  
4px 4px #7B8ABA; box-shadow:4px 4px 4px  
4px #7B8ABA }
```

# Background

The CSS property to change the background color of an element to Hex 7B8ABA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B8ABA }
```

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

```
.background{ background-color:#7B8ABA }
```

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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