

# Converting Colors

Hex(7B8ADC)

Have a look what the booklet for  
Hex(7B8ADC) contains.

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# **Color**

**Hex(7B8ADC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7B8ADC
RGB	123, 138, 220
RGB Percent	48%, 54%, 86%
CMY	0.5176, 0.4588, 0.1373
CMYK	0.44, 0.37, 0.00, 0.14
HSL	231°, 58%, 67%
HSV	231°, 44%, 86%
XYZ	30.1751, 27.5552, 71.4384
YIQ	142.8630, -35.2620, 22.3220

# Conversions

## Conversions Part 2

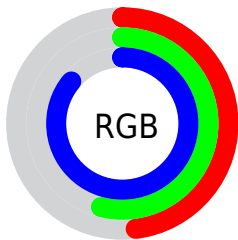
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	123, 136, 220
Decimal	8096476
CIE <sub>Lab</sub>	59.48, 15.73, -43.64
CIE <sub>LCh</sub>	59, 46.390, 289.819
Yxy	27.5552, 0.2336, 0.2133
Android (android.graphics.Color)	4286286556 (0xFF7B8ADC)
YUV	142.8630, 38.0285, -17.4199
Hunter-Lab	52.4931, 10.7461, -43.9433

# Details

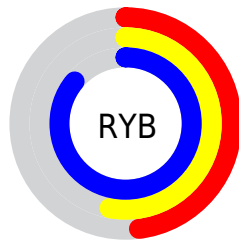
The Hex color **7B8ADC** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **DCCD7B**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **B3BFFF**, and **4358A4** is the 20% darker color. If you saturate the color by 10%, you get **6577DC**, and if you desaturate by 10%, it is **919DDC**.

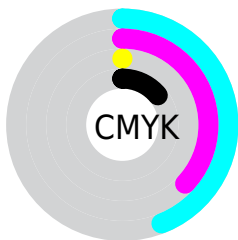
# Distribution



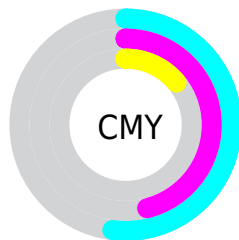
- Red (48%)
- Green (54%)
- Blue (86%)



- Red (48%)
- Yellow (53%)
- Blue (86%)



- Cyan (44%)
- Magenta (37%)
- Yellow (0%)
- Black (14%)



- Cyan (52%)
- Magenta (46%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B8ADC 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 7B8ADC by changing the saturation by 10% instead.



■ 7B8ADC

■ 7B8ADC

FFFFFF

■ 5F71C0

■ B3BFFF

■ 4358A4

■ D0DBFF

■ 24418A

■ EDF7FF

■ 002C70

■ 001857

■ 00003F

■ 000328

■ 000112

■ 000000

 7B8ADC

 7B8ADC

 6577DC

 919DDC

 4F65DC

 A7AFDC

 3952DC

 BDC2DC

 2340DC

 D3D4DC

 0D2DDC

 E9E7DC

 0022DC

 FFFADC

 FFFFDC

# Harmonies

## Analogous

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



0098DF



7B8ADC



B47AC4

# Triad

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



7B8ADC



CF7952



00A37F

# Complementary

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



7B8ADC



DCCD7B

# 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.



5D9E59



7B8ADC



B3883D

# Square

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



7B8ADC



DC6E76



8C953F



00A4AA

# Rectangle

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



7B8ADC



CC71AC



8C953F



2EA272



# Sweetspot

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



7B8ADC



DEE3FF



7BDCCC



6B6E80



000000



808080



# Same Dimension

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



7B8ADC



788DFF



9B7BDC



63646E



001BAD



00072E



# Inverse Universe

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



DC7B8A



FF788D



BCDC7B



6E6364



AD001B

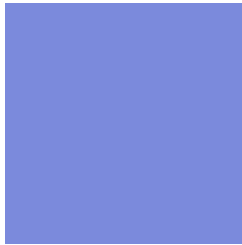


2E0007



# Previews

## White Background



This preview shows how the Hex color 7B8ADC looks on a white background.

## Color Contrast Check

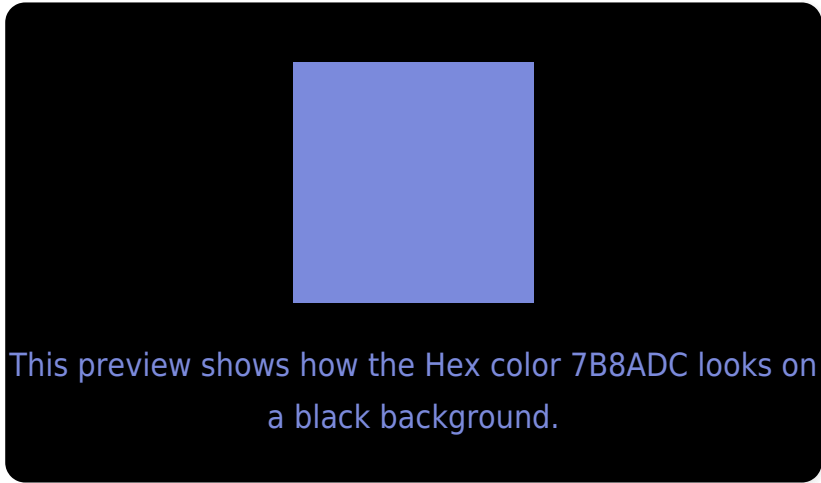
Large Text (above 18pt) WCAG AA ✓ Pass

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

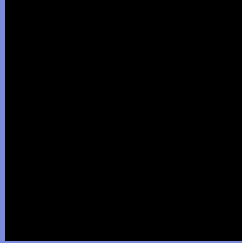
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7B8ADC Background



This preview shows how black text looks on a background with the Hex color 7B8ADC.



This preview shows how white text looks on a background with the Hex color 7B8ADC.

# 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](#).

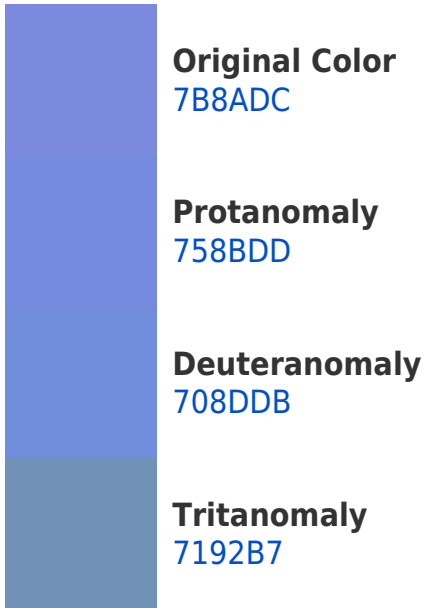
## Dichromacy



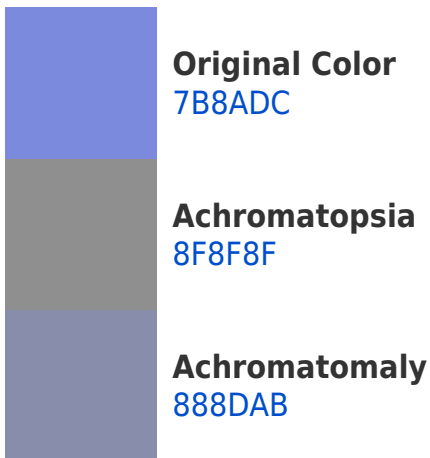


**Tritanopia**  
6B96A2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B8ADC 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 #7B8ADC looks like.

```
.text, #text, p{  
    color:#7B8ADC  
}
```

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 #7B8ADC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B8ADC
}
```

## Border

The CSS property to change the border of an element to Hex 7B8ADC 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
#7B8ADC }
```

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

```
.border{ border-color:#7B8ADC }
```

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

Here you see how a box with a 4 pixel #7B8ADC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B8ADC; -webkit-box-shadow:4px 4px  
4px 4px #7B8ADC; box-shadow:4px 4px 4px  
4px #7B8ADC }
```

# Background

The CSS property to change the background color of an element to Hex 7B8ADC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B8ADC }
```

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

```
.background{ background-color:#7B8ADC }
```

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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