

# Converting Colors

Hex(7B8ADF)

Have a look what the booklet for  
Hex(7B8ADF) contains.

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# **Color**

**Hex(7B8ADF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7B8ADF
RGB	123, 138, 223
RGB Percent	48%, 54%, 87%
CMY	0.5176, 0.4588, 0.1255
CMYK	0.45, 0.38, 0.00, 0.13
HSL	231°, 61%, 68%
HSV	231°, 45%, 87%
XYZ	30.5761, 27.7156, 73.5502
YIQ	143.2050, -36.2250, 23.2550

# Conversions

## Conversions Part 2

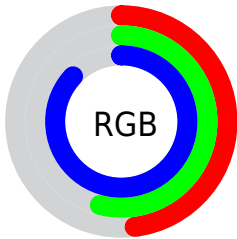
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">123, 136, 223</a>
Decimal	<a href="#">8096479</a>
CIELab	<a href="#">59.63, 16.60, -45.09</a>
CIElCh	<a href="#">60, 48.046, 290.216</a>
Yxy	<a href="#">27.7156, 0.2319, 0.2102</a>
Android (android.graphics.Color)	<a href="#">4286286559 (0xFF7B8ADF)</a>
YUV	<a href="#">143.2050, 39.3389, -17.7198</a>
Hunter-Lab	<a href="#">52.6456, 11.5414, -45.9809</a>

# Details

The Hex color **7B8ADF** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **DFD07B**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **B3BFFF**, and **4358A7** is the 20% darker color. If you saturate the color by 10%, you get **6577DF**, and if you desaturate by 10%, it is **919DDF**.

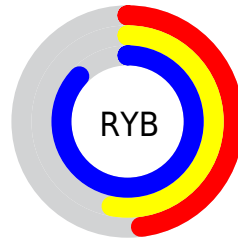
# Distribution



Red (48%)

Green (54%)

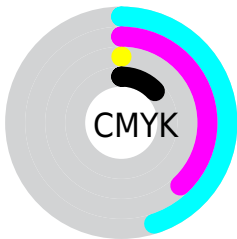
Blue (87%)



Red (48%)

Yellow (53%)

Blue (87%)

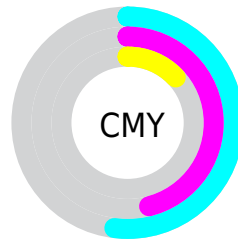


Cyan (45%)

Magenta (38%)

Yellow (0%)

Black (13%)



Cyan (52%)

Magenta (46%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B8ADF 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 7B8ADF by changing the saturation by 10% instead.



 7B8ADF

 7B8ADF

FFFFFF

 5F71C3

 B3BFFF

 4358A7

 D0DBFF

 23418D

 EEF7FF

 002C73

 001859

 000042

 00032B

 000115

 000000

 7B8ADF

 7B8ADF

 6577DF

 919DDF

 4E64DF

 A8B0DF

 3851DF

 BEC3DF

 223EDF

 D4D6DF

 0B2BDF

 EBE9DF

 0021DF

 FFFCDF

 FFFFDF

# Harmonies

## Analogous

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



0098E3



7B8ADF



B679C6

# Triad

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



7B8ADF



D17950



00A480

# Complementary

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



7B8ADF



DFD07B

# 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.



5A9F57



7B8ADF



B4893A

# Square

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



7B8ADF



DE6D75



8C963C



00A5AB

# Rectangle

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



7B8ADF



CE70AD



8C963C



25A372



# Sweetspot

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



7B8ADF



DEE3FF



7BDFD0



6B6E80



000000



808080



# Same Dimension

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



7B8ADF



758AFF



9E7BDF



656770



001AB0



000730



# Inverse Universe

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



DF7B8A



FF758A



BCDF7B



706567



B0001A

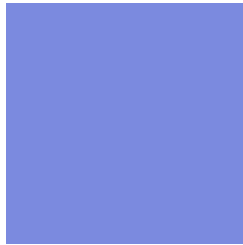


300007



# Previews

## White Background



This preview shows how the Hex color 7B8ADF looks on a white background.

## Color Contrast Check

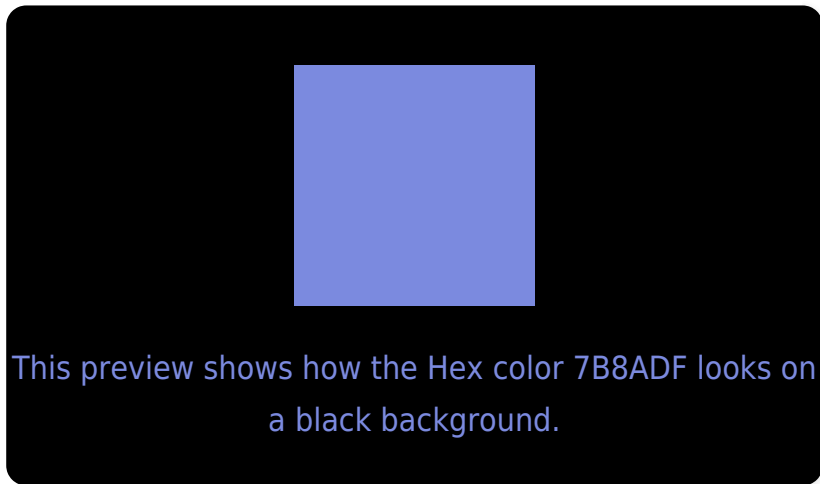
Large Text (above 18pt) WCAG AA ✓ Pass

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

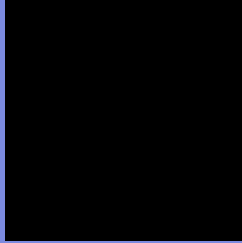
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7B8ADF Background



This preview shows how black text looks on a background with the Hex color 7B8ADF.



This preview shows how white text looks on a background with the Hex color 7B8ADF.

# 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](#).

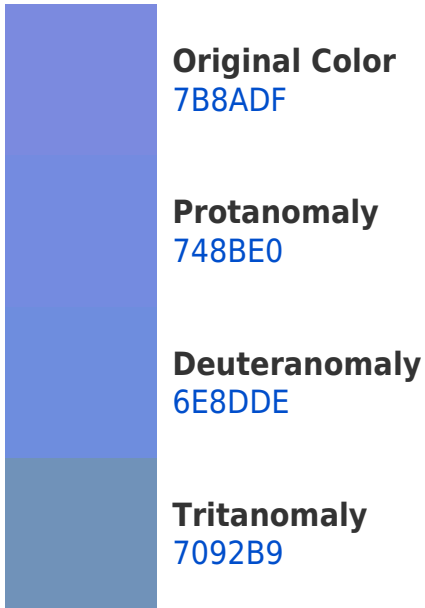
## Dichromacy



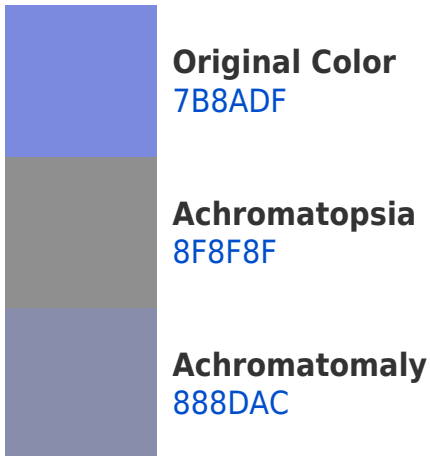


**Tritanopia**  
6A97A3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B8ADF 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 #7B8ADF looks like.

```
.text, #text, p{  
    color:#7B8ADF  
}
```

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 #7B8ADF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B8ADF
}
```

## Border

The CSS property to change the border of an element to Hex 7B8ADF 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
#7B8ADF }
```

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

```
.border{ border-color:#7B8ADF }
```

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

Here you see how a box with a 4 pixel #7B8ADF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B8ADF; -webkit-box-shadow:4px 4px  
4px 4px #7B8ADF; box-shadow:4px 4px 4px  
4px #7B8ADF }
```

# Background

The CSS property to change the background color of an element to Hex 7B8ADF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B8ADF }
```

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

```
.background{ background-color:#7B8ADF }
```

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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