

# Converting Colors

Hex(7E9AD2)

Have a look what the booklet for  
Hex(7E9AD2) contains.

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# **Color**

**Hex(7E9AD2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7E9AD2
RGB	126, 154, 210
RGB Percent	49%, 60%, 82%
CMY	0.5059, 0.3961, 0.1765
CMYK	0.40, 0.27, 0.00, 0.18
HSL	220°, 48%, 66%
HSV	220°, 40%, 82%
XYZ	31.7926, 32.2000, 65.5123
YIQ	152.0120, -34.6640, 11.4800

# Conversions

## Conversions Part 2

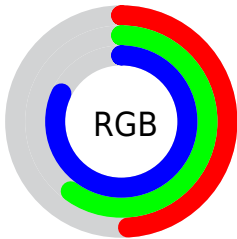
Format	Color
<a href="#">RYB</a>	126, 147, 210
Decimal	8297170
CIELab	63.51, 4.38, -31.76
CIElCh	64, 32.061, 277.846
Yxy	32.2000, 0.2455, 0.2486
Android (android.graphics.Color)	4286487250 (0xFF7E9AD2)
YUV	152.0120, 28.5881, -22.8125
Hunter-Lab	56.7450, 0.7048, -28.7290

# Details

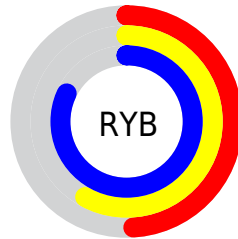
The Hex color **7E9AD2** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D2B67E**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **B5D0FF**, and **48679B** is the 20% darker color. If you saturate the color by 10%, you get **698CD2**, and if you desaturate by 10%, it is **93A8D2**.

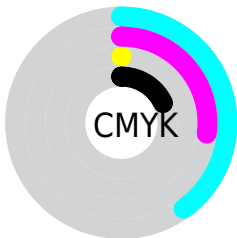
# Distribution



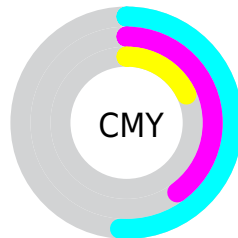
- Red (49%)
- Green (60%)
- Blue (82%)



- Red (49%)
- Yellow (58%)
- Blue (82%)



- Cyan (40%)
- Magenta (27%)
- Yellow (0%)
- Black (18%)



- Cyan (51%)
- Magenta (40%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E9AD2 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 7E9AD2 by changing the saturation by 10% instead.



■ 7E9AD2

■ 7E9AD2

FFFFFF

■ 6380B6

■ B5D0FF

■ 48679B

■ D2ECFF

■ 2D4F81

■ EFFFFFF

■ 0A3968

■ 00244F

■ 000E38

■ 000222

■ 000008

■ 000000

■ 7E9AD2

■ 7E9AD2

■ 698CD2

■ 93A8D2

■ 547ED2

■ A8B6D2

■ 3F70D2

■ BDC4D2

■ 2A62D2

■ D2D2D2

■ 1554D2

■ E7E0D2

■ 0046D2

■ FCEED2

■ FFFCD2

■ FFFFD2

# Harmonies

## Analogous

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



50A3CE



7E9AD2



A790C7

# Triad

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



7E9AD2



CF8878



64A883

# Complementary

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



7E9AD2



D2B67E

# 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.



87A26C



7E9AD2



BF9165

# Square

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



7E9AD2



D18493



A69A61



42A9A1

# Rectangle

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



7E9AD2



BC89B9



A69A61



70A67A



# Sweetspot

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



7E9AD2



E0EBFF



7ED2B6



6E7480



000000



808080



# Same Dimension

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



7E9AD2



85ADFF



8C7ED2



5E6269



0038A8



000E29



# Inverse Universe

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



D27E9A



FF85AD



C4D27E



695E62



A80038

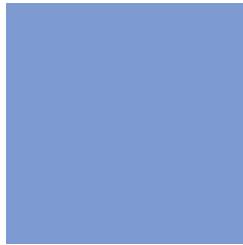


29000E



# Previews

## White Background



This preview shows how the Hex color 7E9AD2 looks on a white background.

## Color Contrast Check

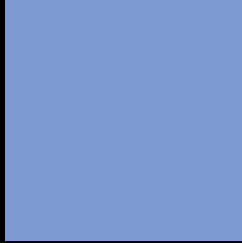
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 7E9AD2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

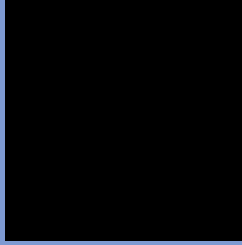
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

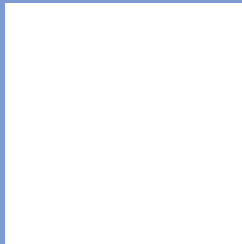
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7E9AD2 Background



This preview shows how black text looks on a background with the Hex color 7E9AD2.

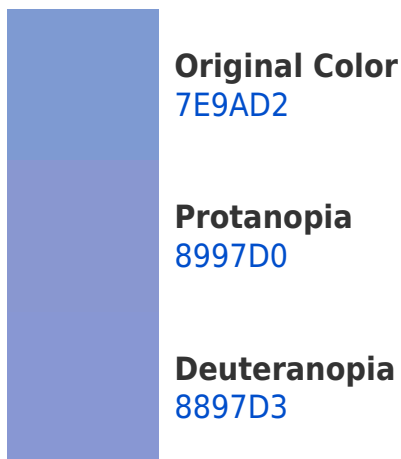


This preview shows how white text looks on a background with the Hex color 7E9AD2.

# 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](#).

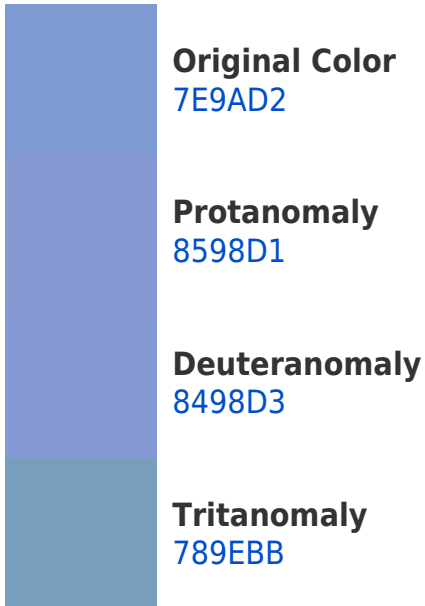
## Dichromacy



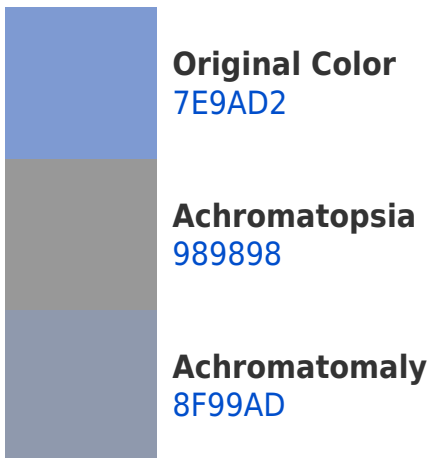


**Tritanopia**  
75A1AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E9AD2 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 #7E9AD2 looks like.

```
.text, #text, p{  
    color:#7E9AD2  
}
```

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 #7E9AD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E9AD2
}
```

## Border

The CSS property to change the border of an element to Hex 7E9AD2 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
#7E9AD2 }
```

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

```
.border{ border-color:#7E9AD2 }
```

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

Here you see how a box with a 4 pixel #7E9AD2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E9AD2; -webkit-box-shadow:4px 4px  
4px 4px #7E9AD2; box-shadow:4px 4px 4px  
4px #7E9AD2 }
```

# Background

The CSS property to change the background color of an element to Hex 7E9AD2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E9AD2 }
```

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

```
.background{ background-color:#7E9AD2 }
```

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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