

# Converting Colors

Hex(7A9ABF)

Have a look what the booklet for  
Hex(7A9ABF) contains.

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# **Color**

**Hex(7A9ABF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7A9ABF
RGB	122, 154, 191
RGB Percent	48%, 60%, 75%
CMY	0.5216, 0.3961, 0.2510
CMYK	0.36, 0.19, 0.00, 0.25
HSL	212°, 35%, 61%
HSV	212°, 36%, 75%
XYZ	28.9856, 31.0104, 53.7481
YIQ	148.6500, -30.9490, 4.7230

# Conversions

## Conversions Part 2

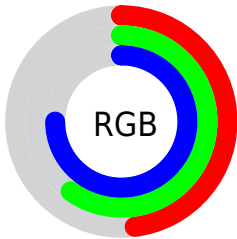
Format	Color
<a href="#">RYB</a>	<a href="#">122, 144, 191</a>
Decimal	<a href="#">8035007</a>
CIELab	<a href="#">62.52, -1.88, -22.69</a>
CIElCh	<a href="#">63, 22.768, 265.260</a>
Yxy	<a href="#">31.0104, 0.2548, 0.2726</a>
Android (android.graphics.Color)	<a href="#">4286225087 (0xFF7A9ABF)</a>
YUV	<a href="#">148.6500, 20.8785, -23.3721</a>
Hunter-Lab	<a href="#">55.6870, -4.5411, -18.2448</a>

# Details

The Hex color **7A9ABF** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **BF9F7A**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **B0D0F7**, and **466789** is the 20% darker color. If you saturate the color by 10%, you get **6790BF**, and if you desaturate by 10%, it is **8DA4BF**.

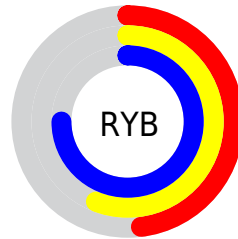
# Distribution



Red (48%)

Green (60%)

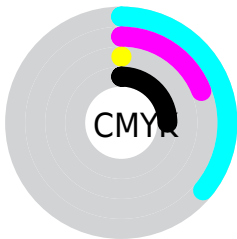
Blue (75%)



Red (48%)

Yellow (56%)

Blue (75%)

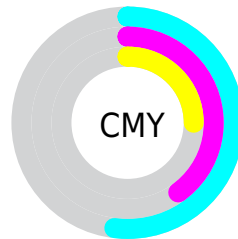


Cyan (36%)

Magenta (19%)

Yellow (0%)

Black (25%)



Cyan (52%)

Magenta (40%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A9ABF 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 7A9ABF by changing the saturation by 10% instead.



■ 7A9ABF

■ 7A9ABF

FFFFFF

■ 6080A4

■ B0D0F7

■ 466789

■ CCEDFF

■ 2C4F70

■ E9FFFF

■ 0F3857

■ 002340

■ 000D2A

■ 000114

■ 000000

■ 7A9ABF

■ 7A9ABF

6790BF

8DA4BF

5486BF

A0AEBF

417BBF

B3B9BF

2E71BF

C6C3BF

1B67BF

DACDBF

075DBF

EDD7BF

0059BF

FFE2BF

FFECBF

FFF6BF

# Harmonies

## Analogous

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



639FB8



7A9ABF



9693BC

# Triad

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



7A9ABF



C08987



7DA080

# Complementary

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



7A9ABF



BF9F7A

# 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.



949B72



7A9ABF



B98E77

# Square

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



7A9ABF



BD899B



A9956F



68A293

# Rectangle

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



7A9ABF



A78FB4



A9956F



849F7A

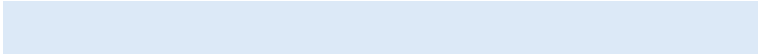


# Sweetspot

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



7A9ABF



DCE9F7



7ABF9F



6D747D



FCFCFC



7D7D7D

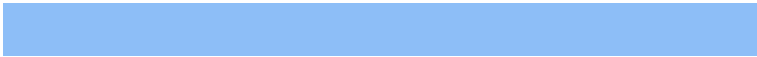


# Same Dimension

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



7A9ABF



8DBEF7



7C7ABF



55595E



00499E



000E1F



# Inverse Universe

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



BF7A9A



F78DBE



BDBF7A



5E5559



9E0049

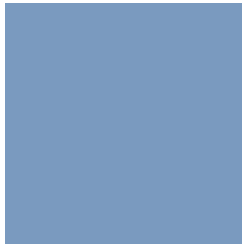


1F000E



# Previews

## White Background



This preview shows how the Hex color 7A9ABF looks on a white background.

## Color Contrast Check

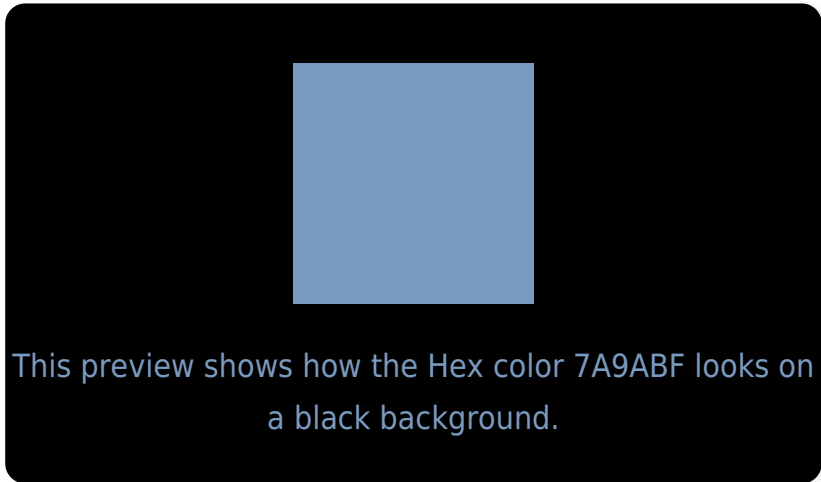
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

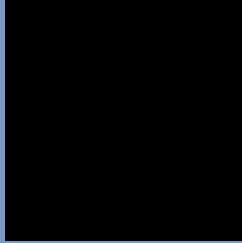
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

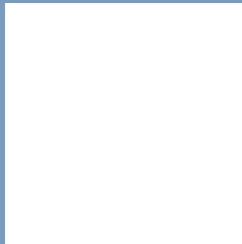
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7A9ABF Background



This preview shows how black text looks on a background with the Hex color 7A9ABF.

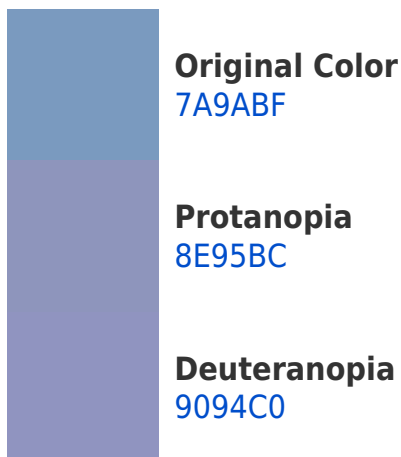


This preview shows how white text looks on a background with the Hex color 7A9ABF.

# 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](#).

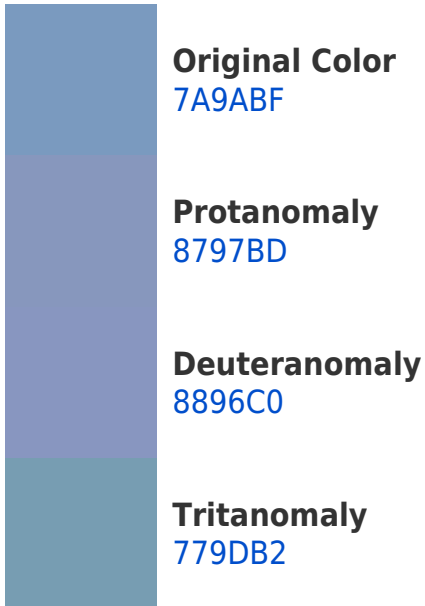
## Dichromacy





**Tritanopia**  
759EAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A9ABF 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 #7A9ABF looks like.

```
.text, #text, p{  
    color:#7A9ABF  
}
```

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 #7A9ABF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A9ABF
}
```

## Border

The CSS property to change the border of an element to Hex 7A9ABF 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
#7A9ABF }
```

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

```
.border{ border-color:#7A9ABF }
```

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

Here you see how a box with a 4 pixel #7A9ABF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A9ABF; -webkit-box-shadow:4px 4px  
4px 4px #7A9ABF; box-shadow:4px 4px 4px  
4px #7A9ABF }
```

# Background

The CSS property to change the background color of an element to Hex 7A9ABF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A9ABF }
```

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

```
.background{ background-color:#7A9ABF }
```

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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