

# Converting Colors

Hex(7C9EBC)

Have a look what the booklet for  
Hex(7C9EBC) contains.

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# **Color**

**Hex(7C9EBC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7C9EBC
RGB	124, 158, 188
RGB Percent	49%, 62%, 74%
CMY	0.5137, 0.3804, 0.2627
CMYK	0.34, 0.16, 0.00, 0.26
HSL	208°, 32%, 61%
HSV	208°, 34%, 74%
XYZ	29.6161, 32.3696, 52.2640
YIQ	151.2540, -29.8940, 2.1220

# Conversions

## Conversions Part 2

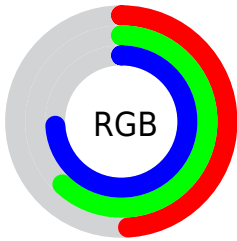
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 146, 188
Decimal	8167100
CIELab	63.65, -4.33, -19.27
CIElCh	64, 19.753, 257.329
Yxy	32.3696, 0.2592, 0.2833
Android (android.graphics.Color)	4286357180 (0xFF7C9EBC)
YUV	151.2540, 18.1158, -23.9018
Hunter-Lab	56.8943, -6.6475, -14.6387

# Details

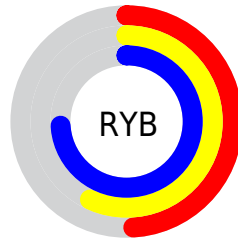
The Hex color **7C9EBC** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **BC9A7C**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **B2D5F4**, and **486B87** is the 20% darker color. If you saturate the color by 10%, you get **6995BC**, and if you desaturate by 10%, it is **8FA7BC**.

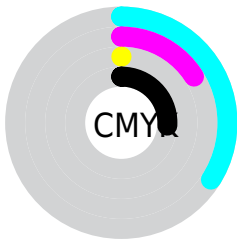
# Distribution



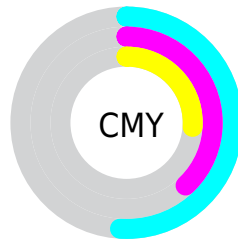
- Red (49%)
- Green (62%)
- Blue (74%)



- Red (49%)
- Yellow (57%)
- Blue (74%)



- Cyan (34%)
- Magenta (16%)
- Yellow (0%)
- Black (26%)



- Cyan (51%)
- Magenta (38%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C9EBC 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 7C9EBC by changing the saturation by 10% instead.



■ 7C9EBC

■ 7C9EBC

FFFFFF

■ 6284A1

■ B2D5F4

■ 486B87

■ CEF1FF

■ 2F536D

■ EBFFFF

■ 143C55

■ 00263E

■ 001128

■ 000112

■ 000000

■ 7C9EBC

■ 7C9EBC

6995BC

8FA7BC

568CBC

A2B0BC

4484BC

B4B8BC

317BBC

C7C1BC

1E72BC

DACABC

0B69BC

EDD3BC

0064BC

FFDCBC

FFE5BC

FFEDBC

# Harmonies

## Analogous

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



6CA2B3



7C9EBC



9398BC

# Triad

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



7C9EBC



BF8E90



89A182

# Complementary

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



7C9EBC



BC9A7C

# 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.



9D9C78



7C9EBC



BB9181

# Square

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



7C9EBC



B98EA2



AF9678



76A492

# Rectangle

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



7C9EBC



A394B6



AF9678



8FA07E

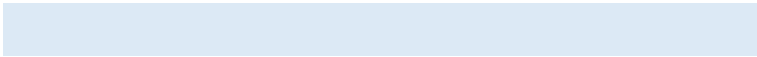


# Sweetspot

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



7C9EBC



DCE9F5



7CBC9A



6C747A



FAFAFA



7A7A7A



# Same Dimension

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



7C9EBC



90C6F5



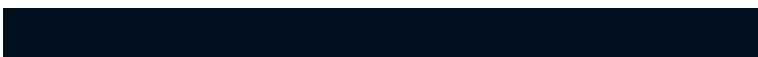
7C7EBC



555A5E



00549E



00101F



# Inverse Universe

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



BC7C9E



F590C6



BCBA7C



5E555A



9E0054

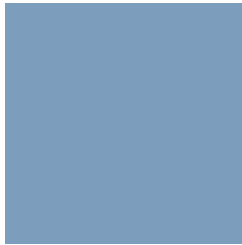


1F0010



# Previews

## White Background



This preview shows how the Hex color 7C9EBC looks on a white background.

## Color Contrast Check

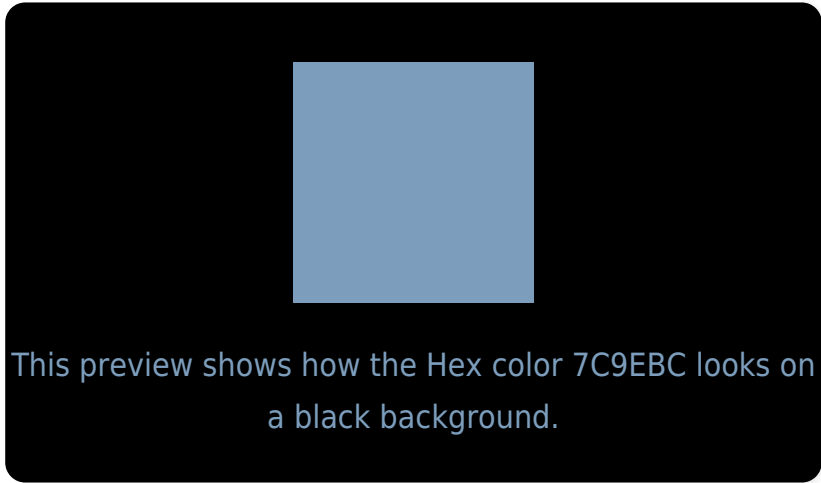
Large Text (above 18pt) WCAG AA × Fail

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

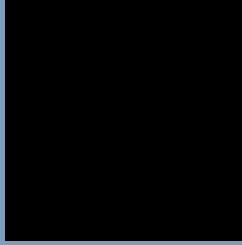
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

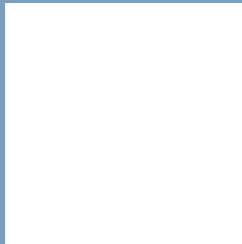
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7C9EBC Background



This preview shows how black text looks on a background with the Hex color 7C9EBC.



This preview shows how white text looks on a background with the Hex color 7C9EBC.

# 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](#).

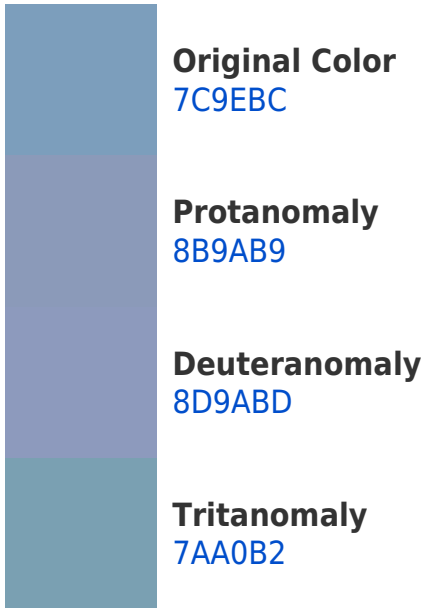
## Dichromacy





**Tritanopia**  
79A1AD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C9EBC 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 #7C9EBC looks like.

```
.text, #text, p{  
    color:#7C9EBC  
}
```

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 #7C9EBC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C9EBC
}
```

## Border

The CSS property to change the border of an element to Hex 7C9EBC 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
#7C9EBC }
```

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

```
.border{ border-color:#7C9EBC }
```

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

Here you see how a box with a 4 pixel #7C9EBC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C9EBC; -webkit-box-shadow:4px 4px  
4px 4px #7C9EBC; box-shadow:4px 4px 4px  
4px #7C9EBC }
```

# Background

The CSS property to change the background color of an element to Hex 7C9EBC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C9EBC }
```

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

```
.background{ background-color:#7C9EBC }
```

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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