

# Converting Colors

Hex(7E8CBC)

Have a look what the booklet for  
Hex(7E8CBC) contains.

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# Color

Hex(7E8CBC)

# Conversions

## Conversions Part 1

Format	Color
Hex	7E8CBC
RGB	126, 140, 188
RGB Percent	49%, 55%, 74%
CMY	0.5059, 0.4510, 0.2627
CMYK	0.33, 0.26, 0.00, 0.26
HSL	226°, 32%, 62%
HSV	226°, 33%, 74%
XYZ	27.0594, 26.8226, 51.3281
YIQ	141.2860, -23.7520, 11.9600

# Conversions

## Conversions Part 2

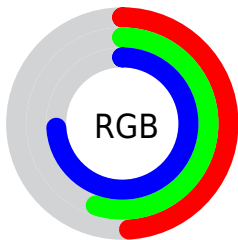
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	126, 137, 188
Decimal	8293564
CIE <sub>Lab</sub>	58.81, 6.47, -26.67
CIE <sub>LCh</sub>	59, 27.445, 283.632
Yxy	26.8226, 0.2572, 0.2549
Android (android.graphics.Color)	4286483644 (0xFF7E8CBC)
YUV	141.2860, 23.0300, -13.4058
Hunter-Lab	51.7906, 2.6286, -22.5071

# Details

The Hex color **7E8CBC** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **BCAE7E**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **B4C1F4**, and **4B5A87** is the 20% darker color. If you saturate the color by 10%, you get **6B7DBC**, and if you desaturate by 10%, it is **919BBC**.

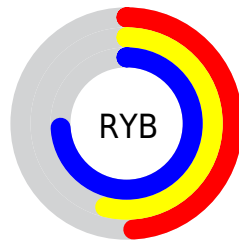
# Distribution



Red (49%)

Green (55%)

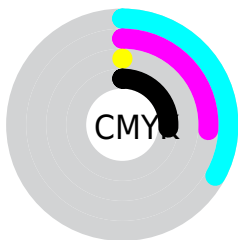
Blue (74%)



Red (49%)

Yellow (54%)

Blue (74%)

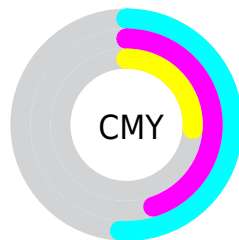


Cyan (33%)

Magenta (26%)

Yellow (0%)

Black (26%)



Cyan (51%)

Magenta (45%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E8CBC 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 7E8CBC by changing the saturation by 10% instead.



■ 7E8CBC

■ 7E8CBC

FFFFFF

■ 6473A1

■ B4C1F4

■ 4B5A87

■ D0DDFF

■ 31436D

■ EDFAFF

■ 172D55

■ 00193D

■ 000227

■ 000111

■ 000000

■ 7E8CBC

■ 7E8CBC

■ 6B7DBC

■ 919BBC

■ 586FBC

■ A4A9BC

■ 4660BC

■ B6B8BC

■ 3352BC

■ C9C6BC

■ 2043BC

■ DCD5BC

■ 0D35BC

■ EFE3BC

■ 002ABC

■ FFF2BC

■ FFFFBC

# Harmonies

## Analogous

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



5A94BB



7E8CBC



9F83B0

# Triad

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



7E8CBC



B9806D



5C9A7F

# Complementary

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



7E8CBC



BCAE7E

# 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.



78966A



7E8CBC



AA8760

# Square

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



7E8CBC



BD7C83



938F5E



439B98

# Rectangle

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



7E8CBC



AF7FA3



938F5E



659977



# Sweetspot

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



7E8CBC



DCE2F5



7EBCAE



6C6F7A



FAFAFA



7A7A7A



# Same Dimension

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



7E8CBC



93A9F5



8F7EBC



55575E



00249E



00071F



# Inverse Universe

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



BC7E8C



F593A9



ABBC7E



5E5557



9E0024

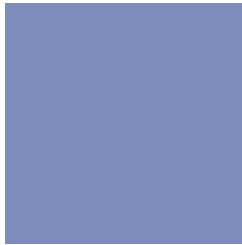


1F0007



# Previews

## White Background



This preview shows how the Hex color 7E8CBC looks on a white background.

## Color Contrast Check

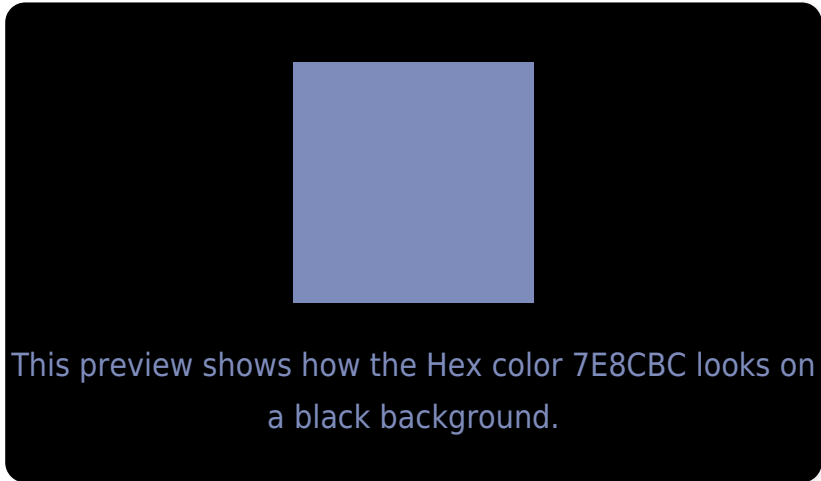
Large Text (above 18pt) WCAG AA ✓ Pass

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

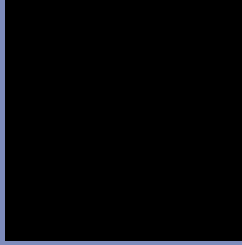
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

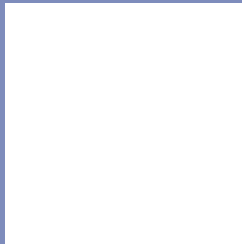
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7E8CBC Background



This preview shows how black text looks on a background with the Hex color 7E8CBC.



This preview shows how white text looks on a background with the Hex color 7E8CBC.

# 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



**Original Color**

7E8CBC

**Protanopia**

808CBC

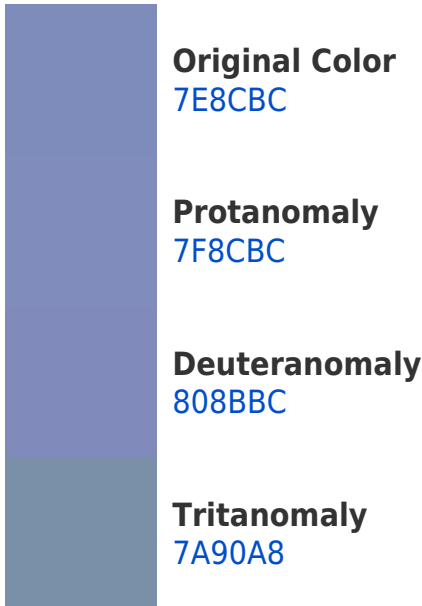
**Deuteranopia**

818BBC



**Tritanopia**  
77929D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E8CBC 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 #7E8CBC looks like.

```
.text, #text, p{  
    color:#7E8CBC  
}
```

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 #7E8CBC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E8CBC
}
```

## Border

The CSS property to change the border of an element to Hex 7E8CBC is called "border". The border property can be set on classes, ids or directly on the HTML element.

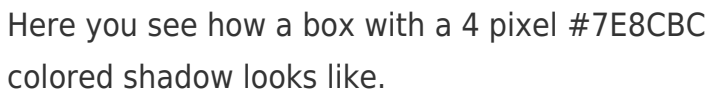
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7E8CBC }
```

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

```
.border{ border-color:#7E8CBC }
```

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



Here you see how a box with a 4 pixel #7E8CBC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E8CBC; -webkit-box-shadow:4px 4px  
4px 4px #7E8CBC; box-shadow:4px 4px 4px  
4px #7E8CBC }
```

# Background

The CSS property to change the background color of an element to Hex 7E8CBC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E8CBC }
```

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

```
.background{ background-color:#7E8CBC }
```

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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