

Converting Colors

Hex(7E8CBB)

Have a look what the booklet for
Hex(7E8CBB) contains.

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Color

Hex(7E8CBB)

Conversions

Conversions Part 1

Format	Color
Hex	7E8CBB
RGB	126, 140, 187
RGB Percent	49%, 55%, 73%
CMY	0.5059, 0.4510, 0.2667
CMYK	0.33, 0.25, 0.00, 0.27
HSL	226°, 31%, 61%
HSV	226°, 33%, 73%
XYZ	26.9519, 26.7796, 50.7622
YIQ	141.1720, -23.4310, 11.6490

Conversions

Conversions Part 2

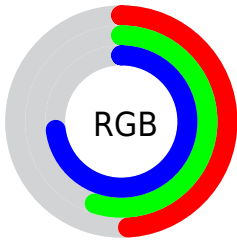
Format	Color
R_YB	126, 137, 187
Decimal	8293563
CIE Lab	58.77, 6.21, -26.17
CIE LCh	59, 26.893, 283.340
Yxy	26.7796, 0.2579, 0.2563
Android (android.graphics.Color)	4286483643 (0xFF7E8CBB)
YUV	141.1720, 22.5932, -13.3058
Hunter-Lab	51.7491, 2.4054, -21.9350

Details

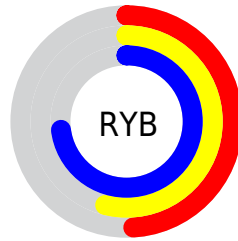
The Hex color **7E8CBB** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **BBAD7E**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **B4C1F3**, and **4B5A86** is the 20% darker color. If you saturate the color by 10%, you get **6B7EBB**, and if you desaturate by 10%, it is **919ABB**.

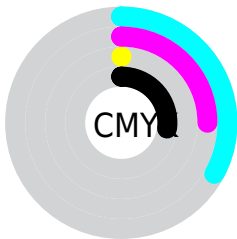
Distribution



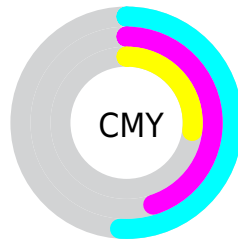
- Red (49%)
- Green (55%)
- Blue (73%)



- Red (49%)
- Yellow (54%)
- Blue (73%)



- Cyan (33%)
- Magenta (25%)
- Yellow (0%)
- Black (27%)



- Cyan (51%)
- Magenta (45%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7E8CBB 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 7E8CBB by changing the saturation by 10% instead.

■ 7E8CBB

■ 7E8CBB

FFFFFF

■ 6473A0

■ B4C1F3

■ 4B5A86

■ D0DDFF

■ 32436C

■ EDFAFF

■ 182D54

■ 00193C

■ 000226

■ 000110

■ 000000

■ 7E8CBB

■ 7E8CBB

■ 6B7EBB

■ 919ABB

■ 596FBB

■ A3A9BB

■ 4661BB

■ B6B7BB

■ 3352BB

■ C9C6BB

■ 2144BB

■ DBD4BB

■ 0E36BB

■ EEE2BB

■ 002BBB

■ FFF1BB

■ FFFFBB

Harmonies

Analogous

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



5B93BA



7E8CBB



9E84B0

Triad

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



7E8CBB



B8806E



5D997F

Complementary

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



7E8CBB



BBAD7E

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.



79966A



7E8CBB



A98761

Square

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



7E8CBB



BC7C84



938F5F



469A97

Rectangle

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



7E8CBB



AE7FA3



938F5F



669877

Sweetspot

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



7E8CBB



DAE0F2



7EBBAD



6C6F7A



FAFAFA



7A7A7A

Same Dimension

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



7E8CBB



94A9F2



8E7EBB



55575E



00249E



00071F

Inverse Universe

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



BB7E8C



F294A9



ABBB7E



5E5557



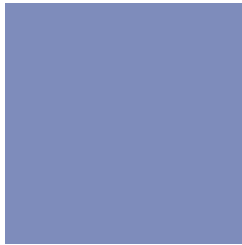
9E0024



1F0007

Previews

White Background



This preview shows how the Hex color 7E8CBB looks on a white background.

Color Contrast Check

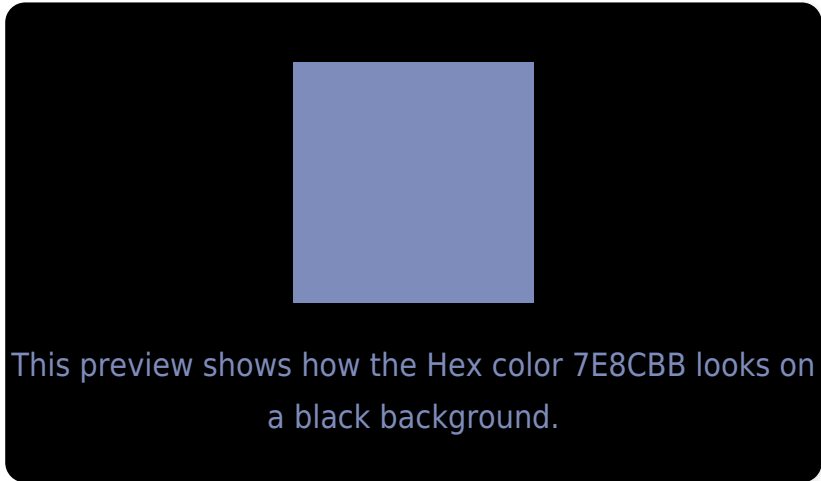
Large Text (above 18pt) WCAG AA ✓ Pass

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

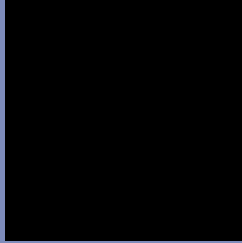
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

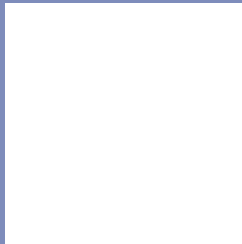
Any Text WCAG AAA × Fail

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

Hex 7E8CBB Background



This preview shows how black text looks on a background with the Hex color 7E8CBB.



This preview shows how white text looks on a background with the Hex color 7E8CBB.

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
7E8CBB

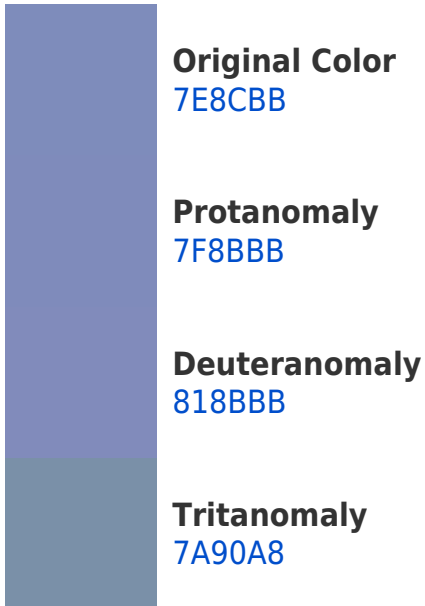
Protanopia
808BBB

Deuteranopia
828BBB



Tritanopia
77929D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7E8CBB 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 #7E8CBB looks like.

```
.text, #text, p{  
    color:#7E8CBB  
}
```

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 #7E8CBB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E8CBB
}
```

Border

The CSS property to change the border of an element to Hex 7E8CBB 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
#7E8CBB }
```

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

```
.border{ border-color:#7E8CBB }
```

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

Here you see how a box with a 4 pixel #7E8CBB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E8CBB; -webkit-box-shadow:4px 4px  
4px 4px #7E8CBB; box-shadow:4px 4px 4px  
4px #7E8CBB }
```

Background

The CSS property to change the background color of an element to Hex 7E8CBB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E8CBB }
```

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

```
.background{ background-color:#7E8CBB }
```

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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