

Converting Colors

Hex(7F8BCB)

Have a look what the booklet for
Hex(7F8BCB) contains.

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Color

Hex(7F8BCB)

Conversions

Conversions Part 1

Format	Color
Hex	7F8BCB
RGB	127, 139, 203
RGB Percent	50%, 55%, 80%
CMY	0.5020, 0.4549, 0.2039
CMYK	0.37, 0.32, 0.00, 0.20
HSL	231°, 42%, 65%
HSV	231°, 37%, 80%
XYZ	28.7645, 27.2891, 60.2512
YIQ	142.7080, -27.6960, 17.3600

Conversions

Conversions Part 2

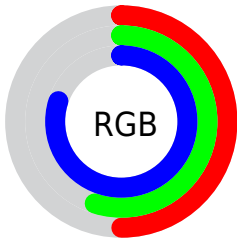
Format	Color
R_YB	127, 137, 203
Decimal	8358859
CIE _{Lab}	59.24, 11.38, -34.47
CIE _{LCh}	59, 36.301, 288.268
Yxy	27.2891, 0.2473, 0.2346
Android (android.graphics.Color)	4286548939 (0xFF7F8BCB)
YUV	142.7080, 29.7240, -13.7759
Hunter-Lab	52.2389, 6.8700, -31.8165

Details

The Hex color **7F8BCB** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **CBBF7F**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **B6C0FF**, and **4A5995** is the 20% darker color. If you saturate the color by 10%, you get **6B7ACB**, and if you desaturate by 10%, it is **939CCB**.

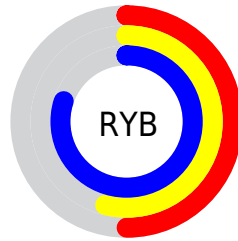
Distribution



Red (50%)

Green (55%)

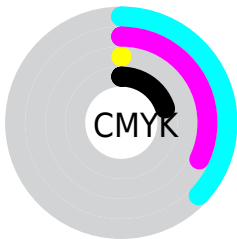
Blue (80%)



Red (50%)

Yellow (54%)

Blue (80%)

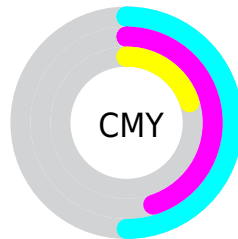


Cyan (37%)

Magenta (32%)

Yellow (0%)

Black (20%)



Cyan (50%)

Magenta (45%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F8BCB 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 7F8BCB by changing the saturation by 10% instead.

 7F8BCB

 7F8BCB

FFFFFF

 6472AF


 B6C0FF

 4A5995

 D2DCFF

 2F427A

 EFF9FF

 112C61

 001849

 000032

 00021C

 000000

 7F8BCB

 7F8BCB

■ 6B7ACB

■ 939CCB

■ 5669CB

■ A8ADCB

■ 4258CB

■ BCBE CB

■ 2E47CB

■ D0CF CB

■ 1A36CB

■ E5E0CB

■ 0524CB

■ F9F2CB

■ 0020CB

■ FFFF CB

Harmonies

Analogous

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



4496CD



7F8BCB



AA7FB9

Triad

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



7F8BCB



C47D60



3F9F81

Complementary

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



7F8BCB



CBBF7F

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.



6B9A63



7F8BCB



AE8850

Square

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



7F8BCB



CC767C



909351



009FA1

Rectangle

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



7F8BCB



BE79A7



909351



4F9E76

Sweetspot

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



7F8BCB



E3E7FF



7FCBBE



6F7280



000000



808080

Same Dimension

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



7F8BCB



8C9EFF



987FCB



5C5D66



001AA6



000626

Inverse Universe

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



CB7F8B



FF8C9E



B2CB7F



665C5D



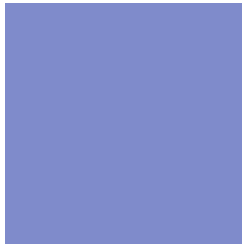
A6001A



260006

Previews

White Background



This preview shows how the Hex color 7F8BCB looks on a white background.

Color Contrast Check

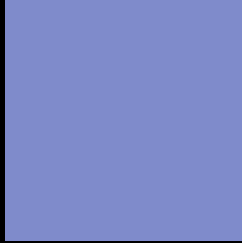
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 7F8BCB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

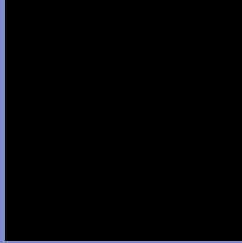
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 7F8BCB Background



This preview shows how black text looks on a background with the Hex color 7F8BCB.



This preview shows how white text looks on a background with the Hex color 7F8BCB.

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
7F8BCB

Protanopia
7A8CCC

Deuteranopia
788DCB



Tritanopia
75949F

Trichromacy



Original Color
7F8BCB

Protanomaly
7C8CCC

Deuteranomaly
7B8CCB

Tritanomaly
7991AF

Monochromacy



Original Color
7F8BCB

Achromatopsia
8F8F8F

Achromatomaly
898EA5

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F8BCB 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 #7F8BCB looks like.

```
.text, #text, p{  
    color:#7F8BCB  
}
```

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 #7F8BCB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F8BCB
}
```

Border

The CSS property to change the border of an element to Hex 7F8BCB 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
#7F8BCB }
```

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

```
.border{ border-color:#7F8BCB }
```

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

Here you see how a box with a 4 pixel #7F8BCB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F8BCB; -webkit-box-shadow:4px 4px  
4px 4px #7F8BCB; box-shadow:4px 4px 4px  
4px #7F8BCB }
```

Background

The CSS property to change the background color of an element to Hex 7F8BCB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F8BCB }
```

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

```
.background{ background-color:#7F8BCB }
```

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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