

Converting Colors

Hex(7F9CCB)

Have a look what the booklet for
Hex(7F9CCB) contains.

Hex(7F9CCB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7F9CCB)

Conversions

Conversions Part 1

Format	Color
Hex	7F9CCB
RGB	127, 156, 203
RGB Percent	50%, 61%, 80%
CMY	0.5020, 0.3882, 0.2039
CMYK	0.37, 0.23, 0.00, 0.20
HSL	217°, 42%, 65%
HSV	217°, 37%, 80%
XYZ	31.4204, 32.6008, 61.1365
YIQ	152.6870, -32.3710, 8.4690

Conversions

Conversions Part 2

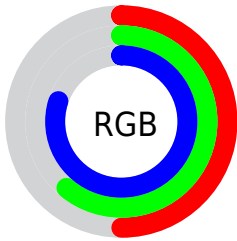
Format	Color
RYB	127, 148, 203
Decimal	8363211
CIELab	63.84, 1.60, -27.35
CIELCh	64, 27.395, 273.349
Yxy	32.6008, 0.2510, 0.2605
Android (android.graphics.Color)	4286553291 (0xFF7F9CCB)
YUV	152.6870, 24.8043, -22.5275
Hunter-Lab	57.0971, -1.6918, -23.5166

Details

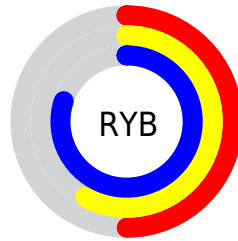
The Hex color **7F9CCB** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **CBAE7F**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **B6D2FF**, and **4A6995** is the 20% darker color. If you saturate the color by 10%, you get **6B8FCB**, and if you desaturate by 10%, it is **93A9CB**.

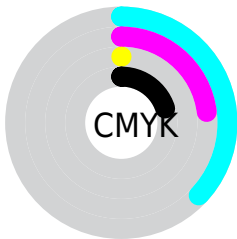
Distribution



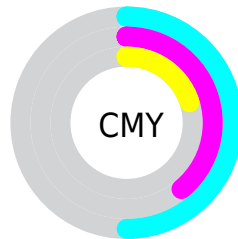
- Red (50%)
- Green (61%)
- Blue (80%)



- Red (50%)
- Yellow (58%)
- Blue (80%)



- Cyan (37%)
- Magenta (23%)
- Yellow (0%)
- Black (20%)



- Cyan (50%)
- Magenta (39%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F9CCB 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 7F9CCB by changing the saturation by 10% instead.

 7F9CCB

 7F9CCB

FFFFFF

 6482AF

 B6D2FF

 4A6995

 D2EFFF

 30517B

 EFFFFFF

 123A62

 00254A

 001033

 00021D

 000000

 7F9CCB

 7F9CCB

 6B8FCB

 93A9CB

 5683CB

 A8B5CB

 4276CB

 BCC2CB

 2E6ACB

 D0CECB

 1A5DCB

 E5DBC B

 0551CB

 F9E7CB

 004DCB

 FFF4CB

 FFFFCB

Harmonies

Analogous

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



5DA3C6



7F9CCB



A293C3

Triad

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



7F9CCB



CA8B81



73A684

Complementary

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



7F9CCB



CBAE7F

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.



8FA171



7F9CCB



BE9270

Square

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



7F9CCB



CA8899



A99A6A



59A89D

Rectangle

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



7F9CCB



B58EB8



A99A6A



7CA57D

Sweetspot

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



7F9CCB



E3EEFF



7FCBAE



6F7580



000000



808080

Same Dimension

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



7F9CCB



8CB8FF



887FCB



5C6066



003FA6



000F26

Inverse Universe

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



CB7F9C



FF8CB8



C2CB7F



665C60



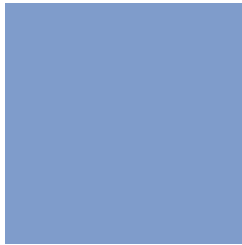
A6003F



26000F

Previews

White Background



This preview shows how the Hex color 7F9CCB looks on a white background.

Color Contrast Check

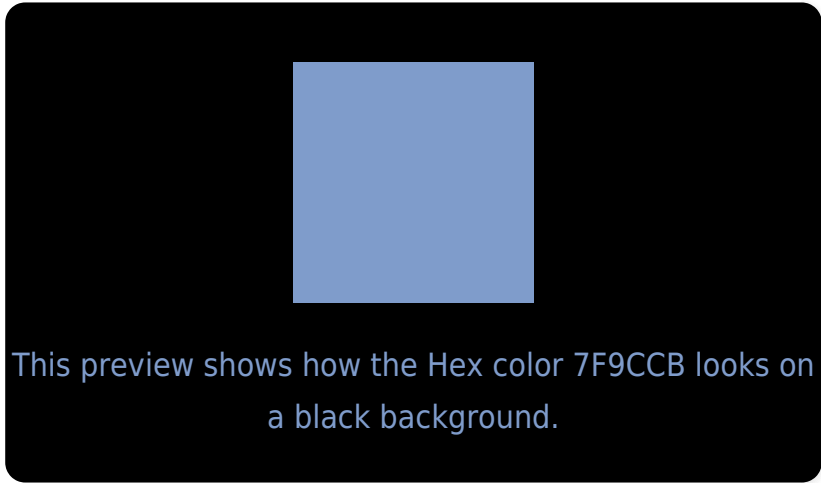
Large Text (above 18pt) WCAG AA × Fail

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

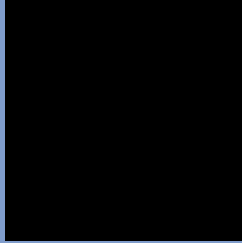
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

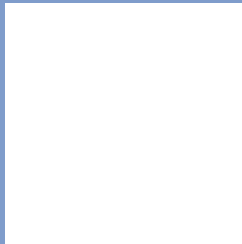
Any Text WCAG AAA ✓ Pass

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

Hex 7F9CCB Background



This preview shows how black text looks on a background with the Hex color 7F9CCB.

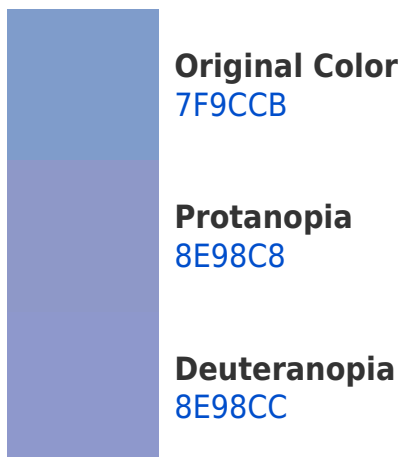


This preview shows how white text looks on a background with the Hex color 7F9CCB.

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](#).

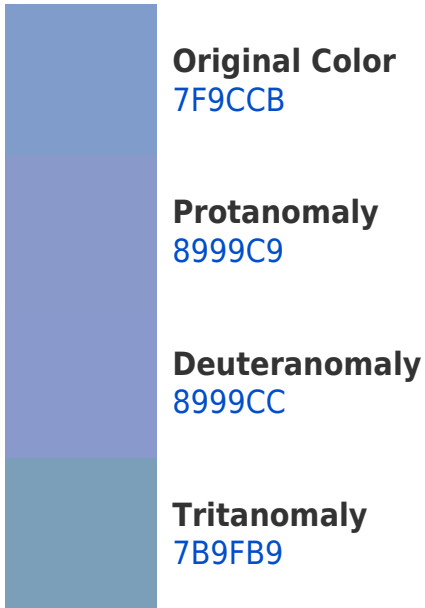
Dichromacy



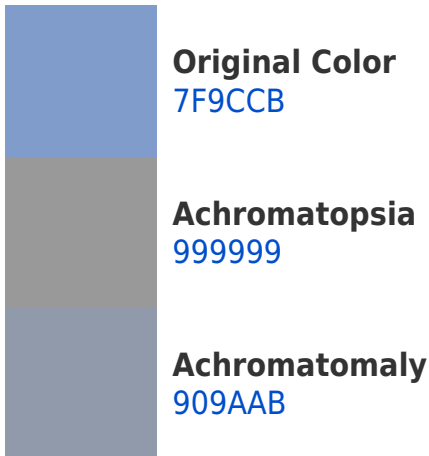


Tritanopia
78A1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7F9CCB 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 #7F9CCB looks like.

```
.text, #text, p{  
    color:#7F9CCB  
}
```

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 #7F9CCB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F9CCB
}
```

Border

The CSS property to change the border of an element to Hex 7F9CCB 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
#7F9CCB }
```

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

```
.border{ border-color:#7F9CCB }
```

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

Here you see how a box with a 4 pixel #7F9CCB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F9CCB; -webkit-box-shadow:4px 4px  
4px 4px #7F9CCB; box-shadow:4px 4px 4px  
4px #7F9CCB }
```

Background

The CSS property to change the background color of an element to Hex 7F9CCB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F9CCB }
```

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

```
.background{ background-color:#7F9CCB }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor