

Converting Colors

Hex(7F9BB1)

Have a look what the booklet for
Hex(7F9BB1) contains.

Hex(7F9BB1)	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(7F9BB1)

Conversions

Conversions Part 1

Format	Color
Hex	7F9BB1
RGB	127, 155, 177
RGB Percent	50%, 61%, 69%
CMY	0.5020, 0.3922, 0.3059
CMYK	0.28, 0.12, 0.00, 0.31
HSL	206°, 24%, 60%
HSV	206°, 28%, 69%
XYZ	28.4096, 31.1290, 46.1061
YIQ	149.1360, -23.7500, 0.9060

Conversions

Conversions Part 2

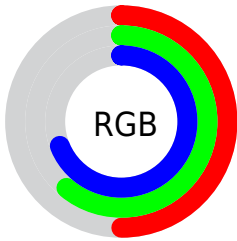
Format	Color
RYB	127, 145, 177
Decimal	8362929
CIELab	62.62, -4.56, -14.64
CIELCh	63, 15.333, 252.711
Yxy	31.1290, 0.2689, 0.2947
Android (android.graphics.Color)	4286553009 (0xFF7F9BB1)
YUV	149.1360, 13.7370, -19.4133
Hunter-Lab	55.7934, -6.7477, -9.9402

Details

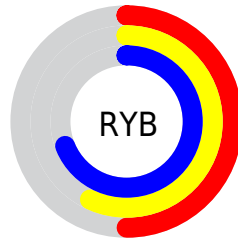
The Hex color **7F9BB1** is a light color, and the websafe version is hex **999999**. A complement of this color would be **B1957F**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **B5D1E9**, and **4C687C** is the 20% darker color. If you saturate the color by 10%, you get **6D93B1**, and if you desaturate by 10%, it is **91A3B1**.

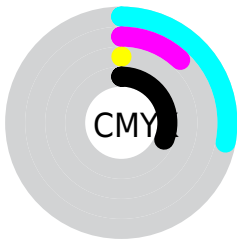
Distribution



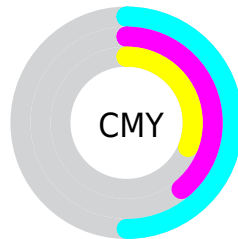
- Red (50%)
- Green (61%)
- Blue (69%)



- Red (50%)
- Yellow (57%)
- Blue (69%)



- Cyan (28%)
- Magenta (12%)
- Yellow (0%)
- Black (31%)



- Cyan (50%)
- Magenta (39%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F9BB1 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 7F9BB1 by changing the saturation by 10% instead.



7F9BB1



7F9BB1

FFFFFF



658196



B5D1E9



4C687C



D1EEFF



345063



EDFFFF



1C394C



012435



000E20



000005



000000



7F9BB1



7F9BB1

6D93B1

91A3B1

5C8BB1

A2ABB1

4A84B1

B4B2B1

387CB1

C6BAB1

2774B1

D8C2B1

156CB1

E9CAB1

0364B1

FBD2B1

0063B1

FFD9B1

FFE1B1

Harmonies

Analogous

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



759EA9



7F9BB1



9097B2

Triad

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



7F9BB1



B48E92



8D9C83

Complementary

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



7F9BB1



B1957F

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.



9C987D



7F9BB1



B29086

Square

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



7F9BB1



AE8FA0



AA947E



7E9F8F

Rectangle

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



7F9BB1



9C94AE



AA947E



929B80

Sweetspot

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



7F9BB1



D3DDE6



7FB195



676E73



F2F2F2



737373

Same Dimension

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



7F9BB1



97C3E6



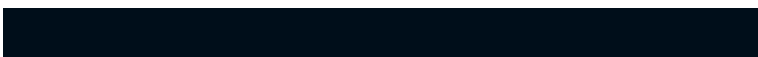
7F82B1



505559



005699



000E1A

Inverse Universe

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



B17F9B



E697C3



B1AE7F



595055



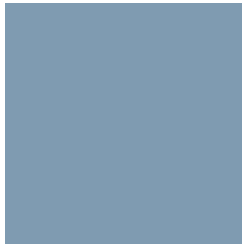
990056



1A000E

Previews

White Background



This preview shows how the Hex color 7F9BB1 looks on a white background.

Color Contrast Check

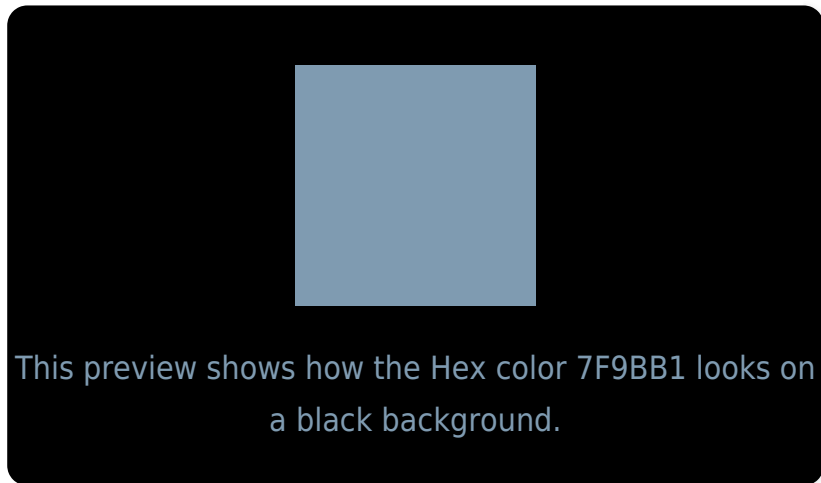
Large Text (above 18pt) WCAG AA × Fail

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

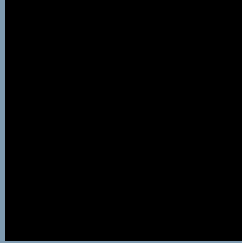
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

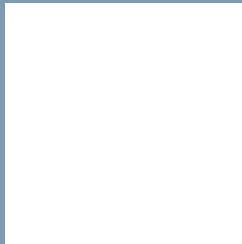
Any Text WCAG AAA ✓ Pass

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

Hex 7F9BB1 Background



This preview shows how black text looks on a background with the Hex color 7F9BB1.

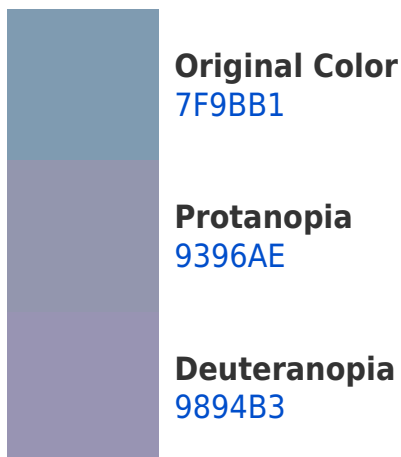


This preview shows how white text looks on a background with the Hex color 7F9BB1.

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](#).

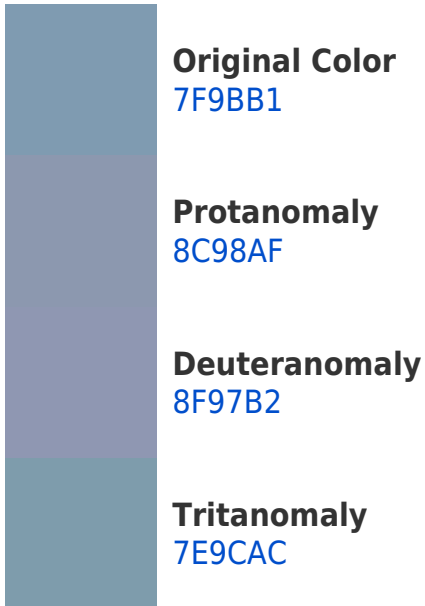
Dichromacy





Tritanopia
7D9CA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7F9BB1 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 #7F9BB1 looks like.

```
.text, #text, p{  
    color:#7F9BB1  
}
```

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 #7F9BB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F9BB1
}
```

Border

The CSS property to change the border of an element to Hex 7F9BB1 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
#7F9BB1 }
```

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

```
.border{ border-color:#7F9BB1 }
```

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

Here you see how a box with a 4 pixel #7F9BB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F9BB1; -webkit-box-shadow:4px 4px  
4px 4px #7F9BB1; box-shadow:4px 4px 4px  
4px #7F9BB1 }
```

Background

The CSS property to change the background color of an element to Hex 7F9BB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F9BB1 }
```

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

```
.background{ background-color:#7F9BB1 }
```

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