

# Converting Colors

Hex(7F9BB6)

Have a look what the booklet for  
Hex(7F9BB6) contains.

<b>Hex(7F9BB6)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(7F9BB6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7F9BB6
RGB	127, 155, 182
RGB Percent	50%, 61%, 71%
CMY	0.5020, 0.3922, 0.2863
CMYK	0.30, 0.15, 0.00, 0.29
HSL	209°, 27%, 61%
HSV	209°, 30%, 71%
XYZ	28.9172, 31.3321, 48.7796
YIQ	149.7060, -25.3550, 2.4610

# Conversions

## Conversions Part 2

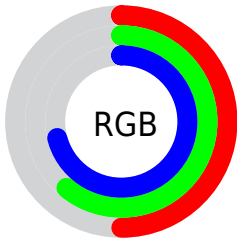
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 146, 182
Decimal	8362934
CIE <sub>Lab</sub>	62.79, -3.31, -17.19
CIE <sub>LCh</sub>	63, 17.511, 259.096
Yxy	31.3321, 0.2652, 0.2874
Android (android.graphics.Color)	4286553014 (0xFF7F9BB6)
YUV	149.7060, 15.9209, -19.9132
Hunter-Lab	55.9751, -5.7417, -12.4858

# Details

The Hex color **7F9BB6** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **B69A7F**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **B5D1EE**, and **4C6881** is the 20% darker color. If you saturate the color by 10%, you get **6D92B6**, and if you desaturate by 10%, it is **91A4B6**.

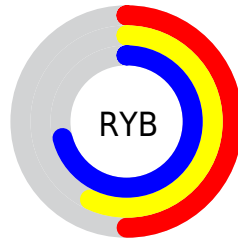
# Distribution



Red (50%)

Green (61%)

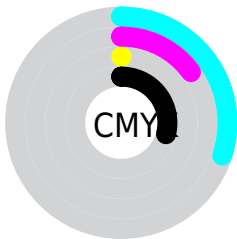
Blue (71%)



Red (50%)

Yellow (57%)

Blue (71%)

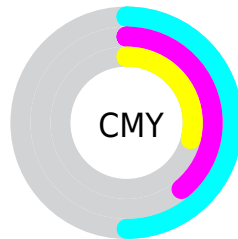


Cyan (30%)

Magenta (15%)

Yellow (0%)

Black (29%)



Cyan (50%)

Magenta (39%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F9BB6 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 7F9BB6 by changing the saturation by 10% instead.



■ 7F9BB6

■ 7F9BB6

FFFFFF

■ 65819B

■ B5D1EE

■ 4C6881

■ D1EEFF

■ 335068

■ EDFFFF

■ 1B3950

■ 002439

■ 000E23

■ 00000C

■ 000000

■ 7F9BB6

■ 7F9BB6

6D92B6

91A4B6

5B89B6

A3ADB6

4880B6

B6B6B6

3677B6

C8BFB6

246EB6

DAC8B6

1265B6

ECD1B6

005DB6

FEDAB6

FFE2B6

FFEBB6

# Harmonies

## Analogous

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



719FAF



7F9BB6



9396B5

# Triad

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



7F9BB6



B88D8E



889E83

# Complementary

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



7F9BB6



B69A7F

# 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.



999A7A



7F9BB6



B59081

# Square

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



7F9BB6



B48D9E



A9957A



78A191

# Rectangle

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



7F9BB6



A192B0



A9957A



8D9D7F

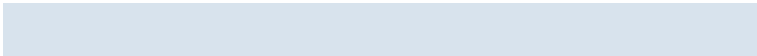


# Sweetspot

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



7F9BB6



D8E3ED



7FB69A



6B7178



F7F7F7



787878



# Same Dimension

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



7F9BB6



98C3ED



7F80B6



53575C



004F9C



000E1C



# Inverse Universe

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



B67F9B



ED98C3



B6B57F



5C5357



9C004F

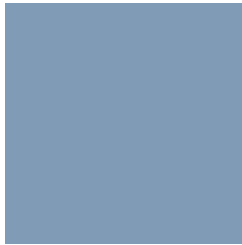


1C000E



# Previews

## White Background



This preview shows how the Hex color 7F9BB6 looks on a white background.

## Color Contrast Check

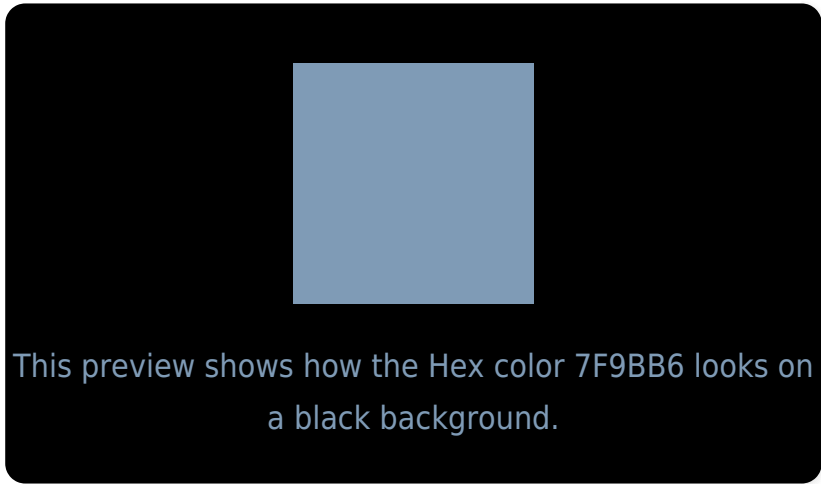
Large Text (above 18pt) WCAG AA × Fail

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

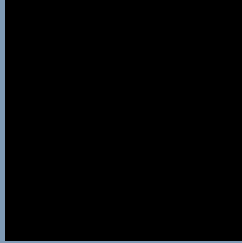
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7F9BB6 Background



This preview shows how black text looks on a background with the Hex color 7F9BB6.



This preview shows how white text looks on a background with the Hex color 7F9BB6.

# 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**  
7F9BB6

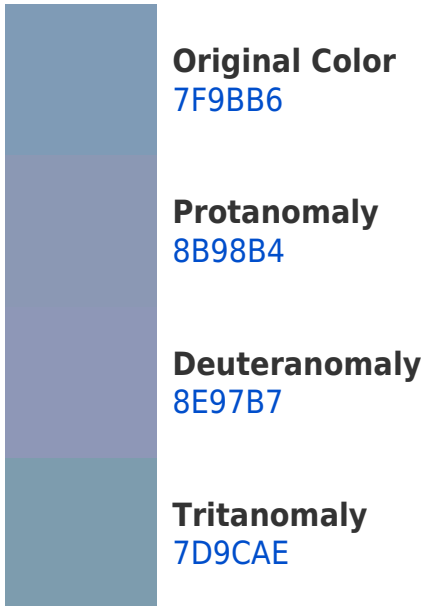
**Protanopia**  
9296B3

**Deuteranopia**  
9694B7



**Tritanopia**  
7C9DAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F9BB6 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 #7F9BB6 looks like.

```
.text, #text, p{  
    color:#7F9BB6  
}
```

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 #7F9BB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F9BB6  
}
```

## Border

The CSS property to change the border of an element to Hex 7F9BB6 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  
#7F9BB6 }
```

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

```
.border{ border-color:#7F9BB6 }
```

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

Here you see how a box with a 4 pixel #7F9BB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F9BB6; -webkit-box-shadow:4px 4px  
4px 4px #7F9BB6; box-shadow:4px 4px 4px  
4px #7F9BB6 }
```

# Background

The CSS property to change the background color of an element to Hex 7F9BB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F9BB6 }
```

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

```
.background{ background-color:#7F9BB6 }
```

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