

# Converting Colors

Hex(7F89B1)

Have a look what the booklet for  
Hex(7F89B1) contains.

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# Color

**Hex(7F89B1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7F89B1
RGB	127, 137, 177
RGB Percent	50%, 54%, 69%
CMY	0.5020, 0.4627, 0.3059
CMYK	0.28, 0.23, 0.00, 0.31
HSL	228°, 24%, 60%
HSV	228°, 28%, 69%
XYZ	25.6339, 25.5777, 45.1809
YIQ	138.5700, -18.8000, 10.3200

# Conversions

## Conversions Part 2

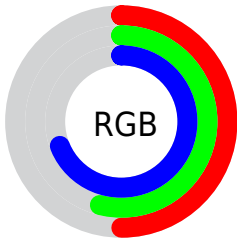
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">127, 135, 177</a>
Decimal	<a href="#">8358321</a>
CIELab	<a href="#">57.63, 5.66, -22.22</a>
CIElCh	<a href="#">58, 22.928, 284.282</a>
Yxy	<a href="#">25.5777, 0.2659, 0.2653</a>
Android (android.graphics.Color)	<a href="#">4286548401 (0xFF7F89B1)</a>
YUV	<a href="#">138.5700, 18.9460, -10.1469</a>
Hunter-Lab	<a href="#">50.5744, 1.9684, -17.5650</a>

# Details

The Hex color **7F89B1** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **B1A77F**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **B5BEE9**, and **4C577C** is the 20% darker color. If you saturate the color by 10%, you get **6D7BB1**, and if you desaturate by 10%, it is **9197B1**.

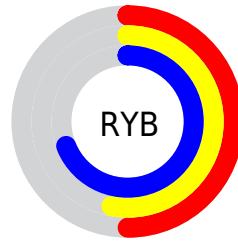
# Distribution



Red (50%)

Green (54%)

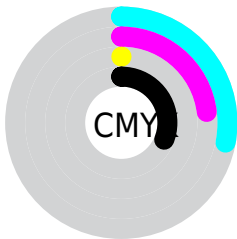
Blue (69%)



Red (50%)

Yellow (53%)

Blue (69%)

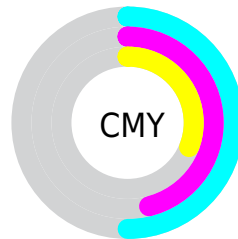


Cyan (28%)

Magenta (23%)

Yellow (0%)

Black (31%)



Cyan (50%)

Magenta (46%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F89B1 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 7F89B1 by changing the saturation by 10% instead.



■ 7F89B1

■ 7F89B1

FFFFFF

■ 657096

■ B5BEE9

■ 4C577C

■ D1DAFF

■ 344063

■ EDF7FF

■ 1C2A4B

■ 021634

■ 00021F

■ 000002

■ 000000

■ 7F89B1

■ 7F89B1

6D7BB1

9197B1

5C6DB1

A2A5B1

4A5FB1

B4B3B1

3850B1

C6C2B1

2742B1

D8D0B1

1534B1

E9DEB1

0326B1

FBECB1

0023B1

FFFAB1

FFFFB1

# Harmonies

## Analogous

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



638FB0



7F89B1



9982A7

# Triad

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



7F89B1



AF7F6F



62957F

# Complementary

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



7F89B1



B1A77F

# 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.



79926D



7F89B1



A28664

# Square

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



7F89B1



B37C81



8F8C63



519694

# Rectangle

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



7F89B1



A77E9C



8F8C63



699478



# Sweetspot

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



7F89B1



D3D7E6



7FB1A7



676A73



F2F2F2



737373



# Same Dimension

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



7F89B1



97A7E6



8E7FB1



505259



001F99



00051A



# Inverse Universe

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



B17F89



E697A7



A2B17F



595052



99001F

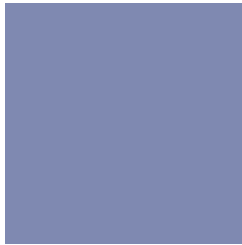


1A0005



# Previews

## White Background



This preview shows how the Hex color 7F89B1 looks on a white background.

## Color Contrast Check

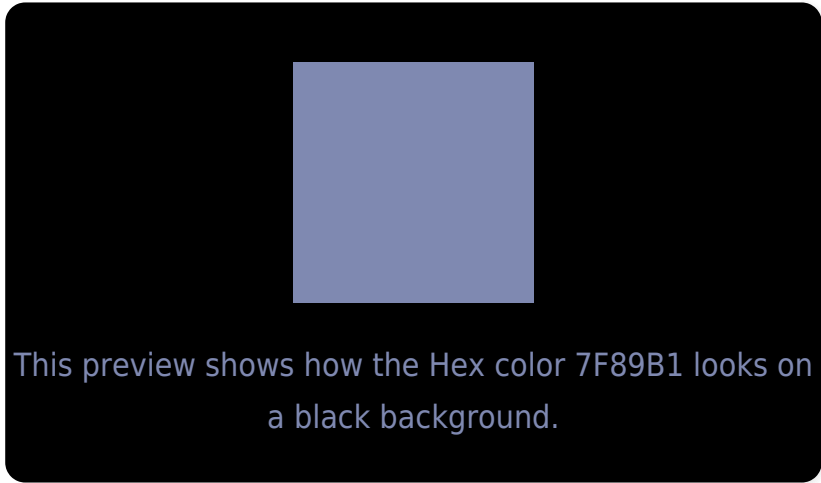
Large Text (above 18pt) WCAG AA ✓ Pass

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

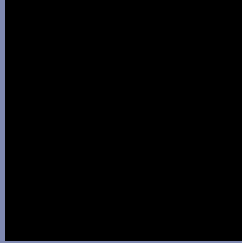
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

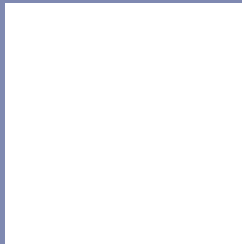
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7F89B1 Background



This preview shows how black text looks on a background with the Hex color 7F89B1.



This preview shows how white text looks on a background with the Hex color 7F89B1.

# 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**

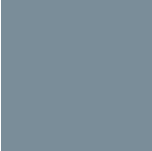
7F89B1

**Protanopia**

8089B1

**Deuteranopia**

8388B1



**Tritanopia**  
7A8D99

# Trichromacy



**Original Color**  
7F89B1

**Protanomaly**  
8089B1

**Deuteranomaly**  
8288B1

**Tritanomaly**  
7C8CA2

# Monochromacy



**Original Color**  
7F89B1

**Achromatopsia**  
8B8B8B

**Achromatomaly**  
878A99

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F89B1 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 #7F89B1 looks like.

```
.text, #text, p{  
    color:#7F89B1  
}
```

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 #7F89B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F89B1
}
```

## Border

The CSS property to change the border of an element to Hex 7F89B1 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
#7F89B1 }
```

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

```
.border{ border-color:#7F89B1 }
```

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

Here you see how a box with a 4 pixel #7F89B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F89B1; -webkit-box-shadow:4px 4px  
4px 4px #7F89B1; box-shadow:4px 4px 4px  
4px #7F89B1 }
```

# Background

The CSS property to change the background color of an element to Hex 7F89B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F89B1 }
```

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

```
.background{ background-color:#7F89B1 }
```

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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