

# Converting Colors

Hex(789BB1)

Have a look what the booklet for  
Hex(789BB1) contains.

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# **Color**

**Hex(789BB1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	789BB1
RGB	120, 155, 177
RGB Percent	47%, 61%, 69%
CMY	0.5294, 0.3922, 0.3059
CMYK	0.32, 0.12, 0.00, 0.31
HSL	203°, 27%, 58%
HSV	203°, 32%, 69%
XYZ	27.4029, 30.6101, 46.0590
YIQ	147.0430, -27.9220, -0.5780

# Conversions

## Conversions Part 2

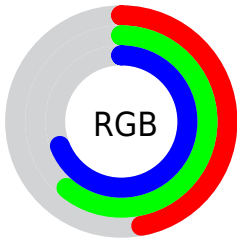
Format	Color
<b>RYB</b>	120, 142, 177
Decimal	7904177
CIELab	62.18, -6.66, -15.35
CIElCh	62, 16.729, 246.542
Yxy	30.6101, 0.2633, 0.2941
Android (android.graphics.Color)	4286094257 (0xFF789BB1)
YUV	147.0430, 14.7688, -23.7167
Hunter-Lab	55.3264, -8.4110, -10.6303

# Details

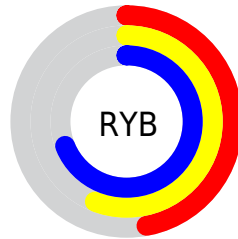
The Hex color **789BB1** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B18E78**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **AED1E9**, and **45687C** is the 20% darker color. If you saturate the color by 10%, you get **6694B1**, and if you desaturate by 10%, it is **8AA2B1**.

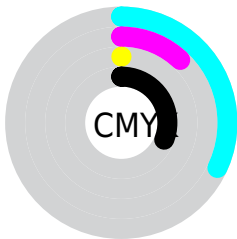
# Distribution



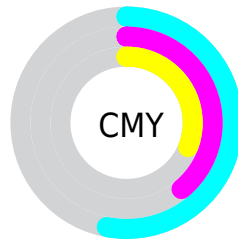
- Red (47%)
- Green (61%)
- Blue (69%)



- Red (47%)
- Yellow (56%)
- Blue (69%)



- Cyan (32%)
- Magenta (12%)
- Yellow (0%)
- Black (31%)



- Cyan (53%)
- Magenta (39%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 789BB1 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 789BB1 by changing the saturation by 10% instead.



■ 789BB1

■ 789BB1

FFFFFF

■ 5E8196

■ AED1E9

■ 45687C

■ CAEEFF

■ 2C5063

■ E6FFFF

■ 12394C

■ 002335

■ 000E20

■ 000005

■ 000000

■ 789BB1

■ 789BB1

6694B1

8AA2B1

558DB1

9BA9B1

4387B1

ADAFB1

3180B1

BFB6B1

2079B1

D1BDB1

0E72B1

E2C4B1

006DB1

F4CBB1

FFD2B1

FFD8B1

# Harmonies

## Analogous

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



6F9EA7



789BB1



8A96B3

# Triad

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



789BB1



B58C93



8E9B7E

# Complementary

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



789BB1



B18E78

# 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.



9F9679



789BB1



B48D85

# Square

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



789BB1



AC8DA2



AC917C



7D9E8A

# Rectangle

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



789BB1



9793B1



AC917C



94997C



# Sweetspot

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



789BB1



CFDDE6



78B18E



656D73



F2F2F2



737373



# Same Dimension

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



789BB1



8CC3E6



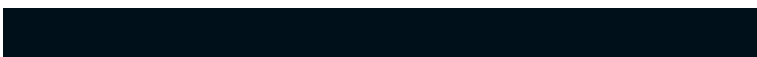
787FB1



505659



005E99



00101A



# Inverse Universe

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



B1789B



E68CC3



B1AA78



595056



99005E



1A0010



# Previews

## White Background



This preview shows how the Hex color 789BB1 looks on a white background.

## Color Contrast Check

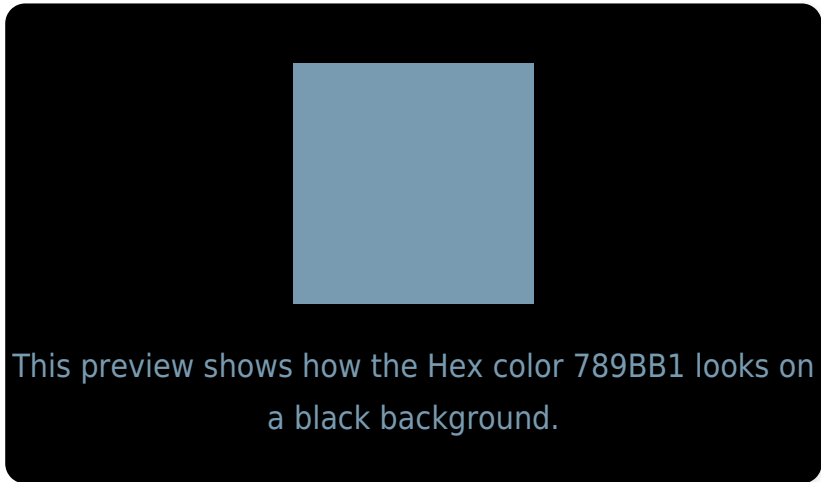
Large Text (above 18pt) WCAG AA × Fail

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

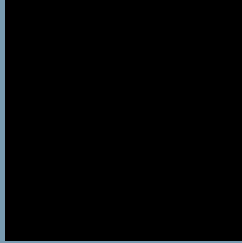
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

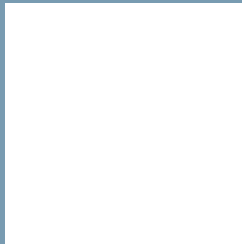
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 789BB1 Background



This preview shows how black text looks on a background with the Hex color 789BB1.

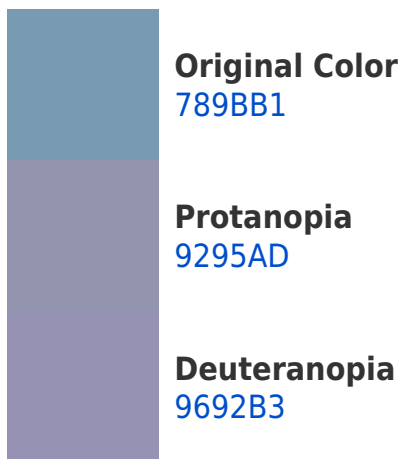


This preview shows how white text looks on a background with the Hex color 789BB1.

# 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](#).

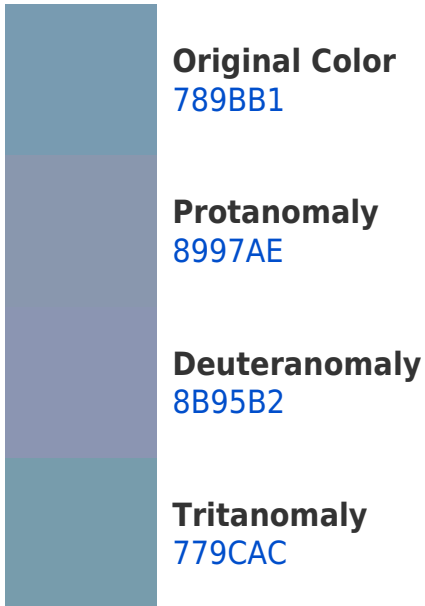
## Dichromacy





**Tritanopia**  
769CA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 789BB1 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 #789BB1 looks like.

```
.text, #text, p{  
    color:#789BB1  
}
```

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 #789BB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #789BB1
}
```

## Border

The CSS property to change the border of an element to Hex 789BB1 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
#789BB1 }
```

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

```
.border{ border-color:#789BB1 }
```

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

Here you see how a box with a 4 pixel #789BB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #789BB1; -webkit-box-shadow:4px 4px  
4px 4px #789BB1; box-shadow:4px 4px 4px  
4px #789BB1 }
```

# Background

The CSS property to change the background color of an element to Hex 789BB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#789BB1 }
```

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

```
.background{ background-color:#789BB1 }
```

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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