

Converting Colors

Hex(799BB1)

Have a look what the booklet for
Hex(799BB1) contains.

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Color

Hex(799BB1)

Conversions

Conversions Part 1

Format	Color
Hex	799BB1
RGB	121, 155, 177
RGB Percent	47%, 61%, 69%
CMY	0.5255, 0.3922, 0.3059
CMYK	0.32, 0.12, 0.00, 0.31
HSL	204°, 26%, 58%
HSV	204°, 32%, 69%
XYZ	27.5423, 30.6820, 46.0655
YIQ	147.3420, -27.3260, -0.3660

Conversions

Conversions Part 2

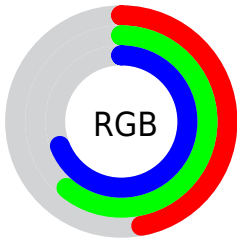
Format	Color
RYB	121, 142, 177
Decimal	7969713
CIELab	62.24, -6.36, -15.25
CIElCh	62, 16.523, 247.347
Yxy	30.6820, 0.2641, 0.2942
Android (android.graphics.Color)	4286159793 (0xFF799BB1)
YUV	147.3420, 14.6214, -23.1019
Hunter-Lab	55.3913, -8.1789, -10.5339

Details

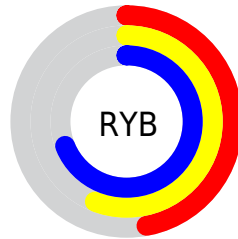
The Hex color **799BB1** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B18F79**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **AFD1E9**, and **46687C** is the 20% darker color. If you saturate the color by 10%, you get **6794B1**, and if you desaturate by 10%, it is **8BA2B1**.

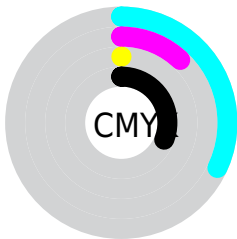
Distribution



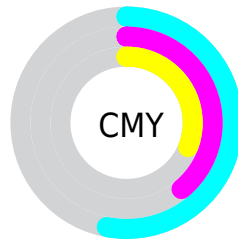
- Red (47%)
- Green (61%)
- Blue (69%)



- 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 799BB1 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 799BB1 by changing the saturation by 10% instead.

■ 799BB1

■ 799BB1

FFFFFF

■ 5F8196

■ AFD1E9

■ 46687C

■ CBEEFF

■ 2D5063

■ E7FFFF

■ 13394C

■ 002435

■ 000E20

■ 000005

■ 000000

■ 799BB1

■ 799BB1

6794B1

8BA2B1

568DB1

9CA9B1

4486B1

AEB0B1

327FB1

C0B7B1

2078B1

D2BEB1

0F71B1

E3C5B1

006BB1

F5CCB1

FFD3B1

FFDAB1

Harmonies

Analogous

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



709EA8



799BB1



8B96B3

Triad

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



799BB1



B48C93



8E9B7F

Complementary

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



799BB1



B18F79

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.



9E9779



799BB1



B48E85

Square

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



799BB1



AD8EA2



AC927C



7D9E8B

Rectangle

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



799BB1



9793B0



AC927C



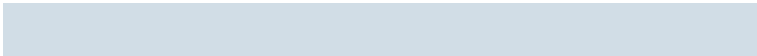
939A7C

Sweetspot

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



799BB1



D1DDE6



79B18E



666E73



F2F2F2



737373

Same Dimension

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



799BB1



8EC3E6



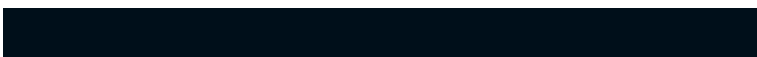
7980B1



505659



005D99



000F1A

Inverse Universe

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



B1799B



E68EC3



B1AA79



595056



99005D



1A000F

Previews

White Background



This preview shows how the Hex color 799BB1 looks on a white background.

Color Contrast Check

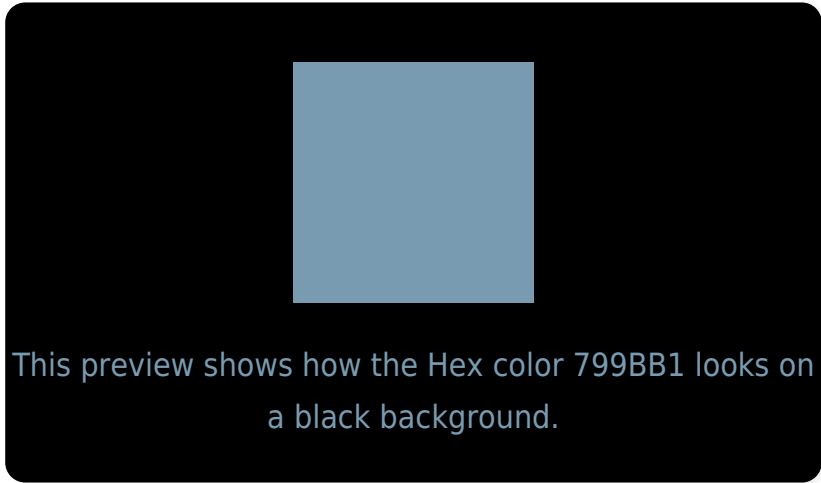
Large Text (above 18pt) WCAG AA × Fail

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

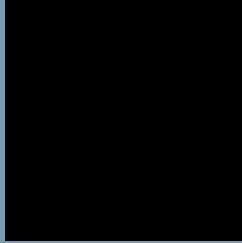
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

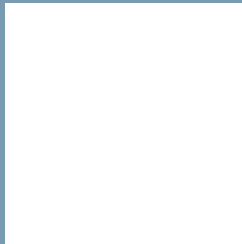
Any Text WCAG AAA ✓ Pass

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

Hex 799BB1 Background



This preview shows how black text looks on a background with the Hex color 799BB1.

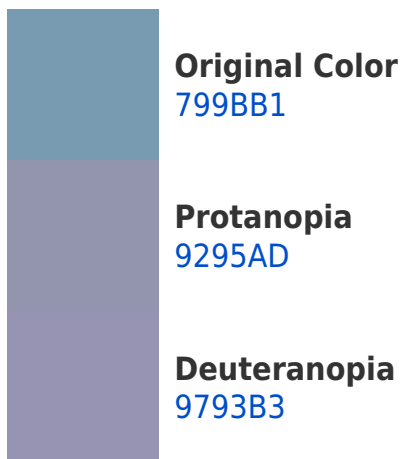


This preview shows how white text looks on a background with the Hex color 799BB1.

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](#).

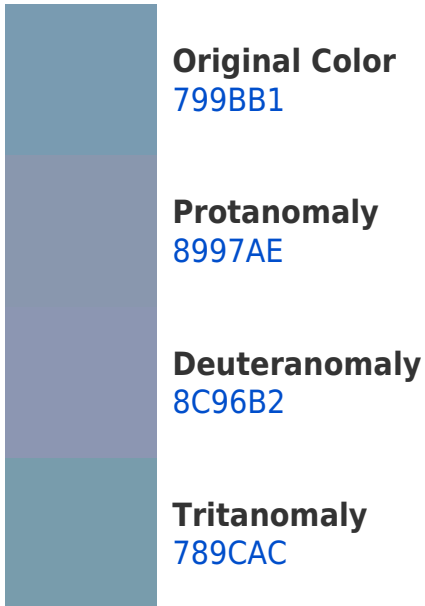
Dichromacy





Tritanopia
779CA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 799BB1 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 #799BB1 looks like.

```
.text, #text, p{  
    color:#799BB1  
}
```

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 #799BB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #799BB1
}
```

Border

The CSS property to change the border of an element to Hex 799BB1 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
#799BB1 }
```

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

```
.border{ border-color:#799BB1 }
```

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

Here you see how a box with a 4 pixel #799BB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #799BB1; -webkit-box-shadow:4px 4px  
4px 4px #799BB1; box-shadow:4px 4px 4px  
4px #799BB1 }
```

Background

The CSS property to change the background color of an element to Hex 799BB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#799BB1 }
```

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

```
.background{ background-color:#799BB1 }
```

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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