

Converting Colors

Hex(B5799B)

Have a look what the booklet for
Hex(B5799B) contains.

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Color

Hex(B5799B)

Conversions

Conversions Part 1

Format	Color
Hex	B5799B
RGB	181, 121, 155
RGB Percent	71%, 47%, 61%
CMY	0.2902, 0.5255, 0.3922
CMYK	0.00, 0.33, 0.14, 0.29
HSL	326°, 29%, 59%
HSV	326°, 33%, 71%
XYZ	31.8098, 25.8651, 34.3262
YIQ	142.8160, 24.8460, 23.2940

Conversions

Conversions Part 2

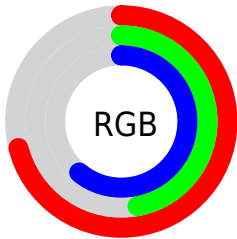
Format	Color
RYB	181, 121, 155
Decimal	11893147
CIELab	57.91, 28.57, -8.69
CIELCh	58, 29.865, 343.083
Yxy	25.8651, 0.3458, 0.2811
Android (android.graphics.Color)	4290083227 (0xFFB5799B)
YUV	142.8160, 6.0067, 33.4874
Hunter-Lab	50.8577, 22.6449, -4.4172

Details

The Hex color **B5799B** is a light color, and the websafe version is hex **996699**. A complement of this color would be **79B593**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **EEAED1**, and **7F4768** is the 20% darker color. If you saturate the color by 10%, you get **B56793**, and if you desaturate by 10%, it is **B58BA3**.

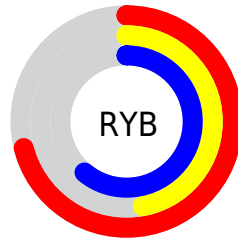
Distribution



Red (71%)

Green (47%)

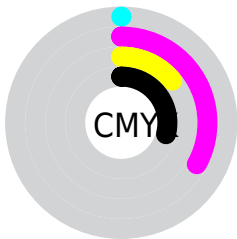
Blue (61%)



Red (71%)

Yellow (47%)

Blue (61%)

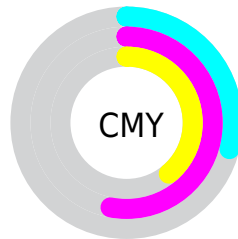


Cyan (0%)

Magenta (33%)

Yellow (14%)

Black (29%)



Cyan (29%)

Magenta (53%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5799B 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 B5799B by changing the saturation by 10% instead.

 B5799B

 B5799B

FFFFFF

 9A6081

 EEAED1

 7F4768

 FFCAEE

 652F50

 FFE6FF

 4C1839

 340123

 1F000D

 000000

 B5799B

 B5799B

 B56793

 B58BA3

 B5558B

 B59DAB

 B54383

 B5AFB3

 B5317C

 B5C1BA

 B51F74

 B5D4C2

 B50C6C

 B5E6CA

 B50067

 B5F8D2

 B5FFDA

 B5FFE2

Harmonies

Analogous

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



9D80B1



B5799B



BF7781

Triad

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



B5799B



918D58



2E97AE

Complementary

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



B5799B



79B593

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.



359996



B5799B



749464

Square

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



B5799B



AA8459



55987B



4F92BD

Rectangle

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



B5799B



BD7A70



55987B



2B98A7

Sweetspot

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



B5799B



EBD3E0



9379B5



75676F



F5F5F5



757575

Same Dimension

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



B5799B



EB8DC2



B5797D



595055



990057



1A000E

Inverse Universe

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



B5799B



EB8DC2



79B5B1



595055



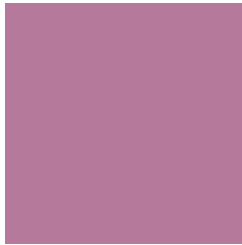
990057



1A000E

Previews

White Background



This preview shows how the Hex color B5799B looks on a white background.

Color Contrast Check

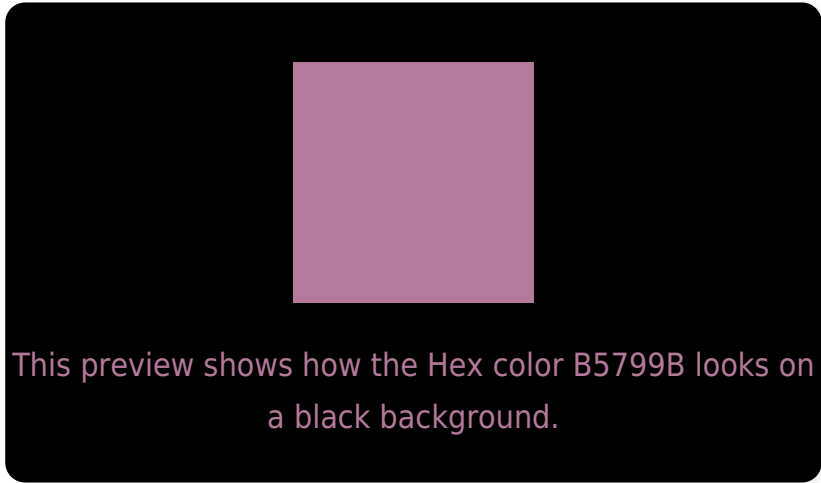
Large Text (above 18pt) WCAG AA ✓ Pass

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

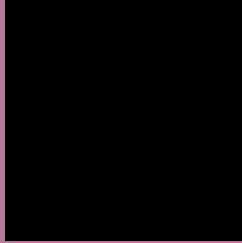
Any Text WCAG AA ✓ Pass

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 B5799B Background



This preview shows how black text looks on a background with the Hex color B5799B.



This preview shows how white text looks on a background with the Hex color B5799B.

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
B5799B

Protanopia
868AA6

Deuteranopia
938898



Tritanopia
B37D86

Trichromacy



Original Color
B5799B

Protanomaly
9784A2

Deuteranomaly
9F8399

Tritanomaly
B47C8E

Monochromacy



Original Color
B5799B

Achromatopsia
8F8F8F

Achromatomaly
9D8793

CSS Examples

Text

The CSS property to change the color of the text to Hex B5799B 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 #B5799B looks like.

```
.text, #text, p{  
    color:#B5799B  
}
```

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 #B5799B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5799B
}
```

Border

The CSS property to change the border of an element to Hex B5799B 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
#B5799B }
```

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

```
.border{ border-color:#B5799B }
```

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

Here you see how a box with a 4 pixel #B5799B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5799B; -webkit-box-shadow:4px 4px  
4px 4px #B5799B; box-shadow:4px 4px 4px  
4px #B5799B }
```

Background

The CSS property to change the background color of an element to Hex B5799B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5799B }
```

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

```
.background{ background-color:#B5799B }
```

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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