

Converting Colors

Hex(B8199B)

Have a look what the booklet for
Hex(B8199B) contains.

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Color

Hex(B8199B)

Conversions

Conversions Part 1

Format	Color
Hex	B8199B
RGB	184, 25, 155
RGB Percent	72%, 10%, 61%
CMY	0.2784, 0.9020, 0.3922
CMYK	0.00, 0.86, 0.16, 0.28
HSL	311°, 76%, 41%
HSV	311°, 86%, 72%
XYZ	26.0312, 13.2522, 32.1963
YIQ	87.3610, 53.0340, 74.1380

Conversions

Conversions Part 2

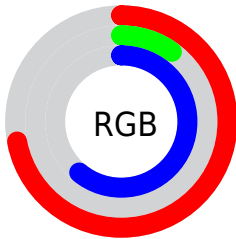
Format	Color
R_{YB}	184, 25, 155
Decimal	12065179
CIE _{Lab}	43.14, 69.79, -31.28
CIE _{LCh}	43, 76.476, 335.860
Yxy	13.2522, 0.3642, 0.1854
Android (android.graphics.Color)	4290255259 (0xFFB8199B)
YUV	87.3610, 33.3460, 84.7524
Hunter-Lab	36.4035, 63.9344, -26.9552

Details

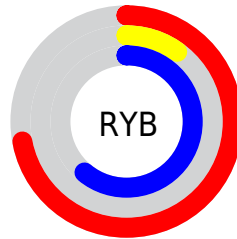
The Hex color **B8199B** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **19B836**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **F45ED2**, and **7E0067** is the 20% darker color. If you saturate the color by 10%, you get **B80798**, and if you desaturate by 10%, it is **B82B9E**.

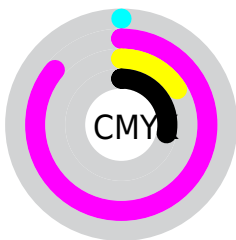
Distribution



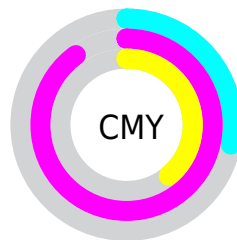
- Red (72%)
- Green (10%)
- Blue (61%)



- Red (72%)
- Yellow (10%)
- Blue (61%)



- Cyan (0%)
- Magenta (86%)
- Yellow (16%)
- Black (28%)



- Cyan (28%)
- Magenta (90%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color B8199B 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 B8199B by changing the saturation by 10% instead.

 B8199B

 B8199B

FFFFFF

 9B0081

 F45ED2

 7E0067

 FF7BEE

 62004F

 FF98FF

 470038

 FFB5FF

 2C0021

 FFD2FF

 000005

 FFF0FF

 000000

 B8199B

 B8199B

 B80798

 B82B9E

 B80096

 B83EA2

 B850A5

 B863A8

 B875AC

 B887AF

 B89AB2

 B8ACB6

 B8BFB9

Harmonies

Analogous

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



704DCE



B8199B



D0005D

Triad

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



B8199B



726800



007FAF

Complementary

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



B8199B



19B836

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.



007F71



B8199B



277600

Square

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



B8199B



A44E00



007D2D



007ADB

Rectangle

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



B8199B



CD0134



007D2D



00809C

Sweetspot

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



B8199B



F0B1E4



3319B8



785371



F7F7F7



787878

Same Dimension

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



B8199B



F000C4



B8194E



5C535A



9C007F



1C0017

Inverse Universe

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



B8199B



F000C4



19B883



5C535A



9C007F



1C0017

Previews

White Background



This preview shows how the Hex color B8199B looks on a white background.

Color Contrast Check

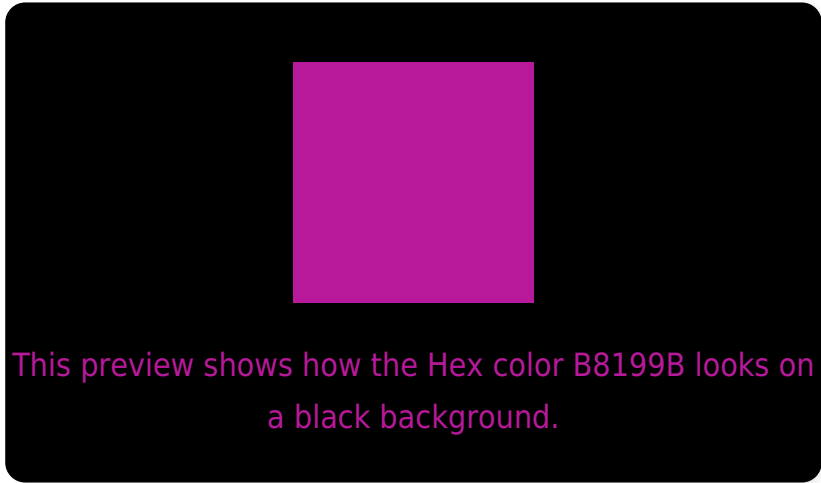
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

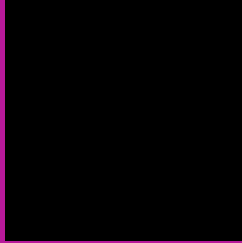
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex B8199B Background



This preview shows how black text looks on a background with the Hex color B8199B.

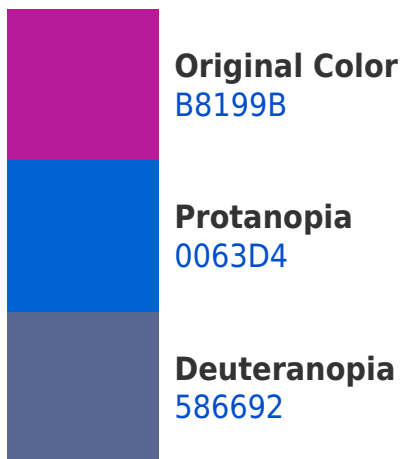


This preview shows how white text looks on a background with the Hex color B8199B.

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
B04044

Trichromacy



Original Color
B8199B



Protanomaly
4348BF



Deuteranomaly
7B4A95



Tritanomaly
B33264

Monochromacy



Original Color
B8199B



Achromatopsia
575757



Achromatomaly
7A4070

CSS Examples

Text

The CSS property to change the color of the text to Hex B8199B 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 #B8199B looks like.

```
.text, #text, p{  
    color:#B8199B  
}
```

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 #B8199B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B8199B
}
```

Border

The CSS property to change the border of an element to Hex B8199B 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
#B8199B }
```

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

```
.border{ border-color:#B8199B }
```

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

Here you see how a box with a 4 pixel #B8199B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B8199B; -webkit-box-shadow:4px 4px  
4px 4px #B8199B; box-shadow:4px 4px 4px  
4px #B8199B }
```

Background

The CSS property to change the background color of an element to Hex B8199B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B8199B }
```

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

```
.background{ background-color:#B8199B }
```

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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