

Converting Colors

Hex(BC199B)

Have a look what the booklet for
Hex(BC199B) contains.

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Color

Hex(BC199B)

Conversions

Conversions Part 1

Format	Color
Hex	BC199B
RGB	188, 25, 155
RGB Percent	74%, 10%, 61%
CMY	0.2627, 0.9020, 0.3922
CMYK	0.00, 0.87, 0.18, 0.26
HSL	312°, 77%, 42%
HSV	312°, 87%, 74%
XYZ	27.0031, 13.7532, 32.2418
YIQ	88.5570, 55.4180, 74.9860

Conversions

Conversions Part 2

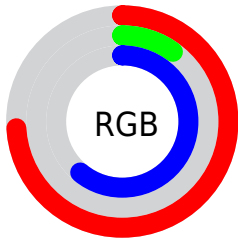
Format	Color
R_{YB}	188, 25, 155
Decimal	12327323
CIE _{Lab}	43.88, 70.61, -30.07
CIE _{LCh}	44, 76.743, 336.932
Yxy	13.7532, 0.3699, 0.1884
Android (android.graphics.Color)	4290517403 (0xFFBC199B)
YUV	88.5570, 32.7564, 87.2115
Hunter-Lab	37.0853, 65.0727, -25.5867

Details

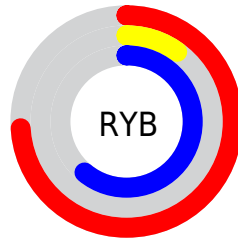
The Hex color **BC199B** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **19BC3A**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **F85ED2**, and **820067** is the 20% darker color. If you saturate the color by 10%, you get **BC0697**, and if you desaturate by 10%, it is **BC2C9F**.

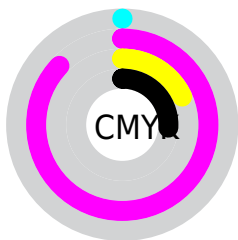
Distribution



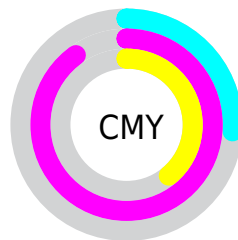
- Red (74%)
- Green (10%)
- Blue (61%)



- Red (74%)
- Yellow (10%)
- Blue (61%)



- Cyan (0%)
- Magenta (87%)
- Yellow (18%)
- Black (26%)



- Cyan (26%)
- Magenta (90%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color BC199B 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 BC199B by changing the saturation by 10% instead.

 BC199B

 BC199B

FFFFFF

 9F0081

 F85ED2

 820067

 FF7CEE

 66004F

 FF99FF

 4A0038

 FFB6FF

 2F0022

 FFD3FF

 000006

 FFF1FF

 000000

 BC199B

 BC199B

 BC0697

 BC2C9F

 BC0096

 BC3FA3

 BC51A6

 BC64AA

 BC77AE

 BC8AB2

 BC9DB6

 BCAFB9

 BCC2BD

Harmonies

Analogous

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



764ECF



BC199B



D3005C

Triad

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



BC199B



726A00



0081B4

Complementary

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



BC199B



19BC3A

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.



008275



BC199B



257800

Square

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



BC199B



A55100



007F31



007CDE

Rectangle

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



BC199B



CF0B33



007F31



0082A0

Sweetspot

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



BC199B



F5B5E8



3A19BC



7A5473



F9FAFA



7A7A7A

Same Dimension

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



BC199B



F500C3



BC194A



5E555C



9E007E



1F0018

Inverse Universe

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



BC199B



F500C3



19BC8B



5E555C



9E007E



1F0018

Previews

White Background



This preview shows how the Hex color BC199B looks on a white background.

Color Contrast Check

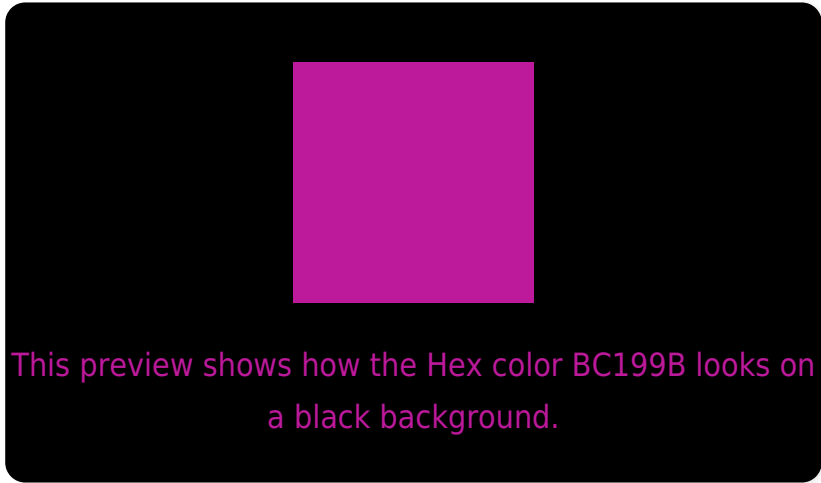
Large Text (above 18pt) WCAG AA ✓ Pass

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

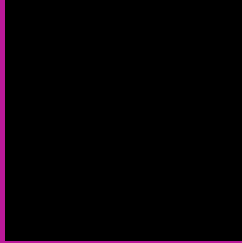
Any Text WCAG AA × Fail

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 BC199B Background



This preview shows how black text looks on a background with the Hex color BC199B.



This preview shows how white text looks on a background with the Hex color BC199B.

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
B44044

Trichromacy



Original Color
BC199B



Protanomaly
4D49C1



Deuteranomaly
7E4B95

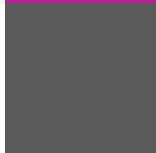


Tritanomaly
B73264

Monochromacy



Original Color
BC199B



Achromatopsia
595959



Achromatomaly
7D4271

CSS Examples

Text

The CSS property to change the color of the text to Hex BC199B 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 #BC199B looks like.

```
.text, #text, p{  
    color:#BC199B  
}
```

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 #BC199B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC199B
}
```

Border

The CSS property to change the border of an element to Hex BC199B 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
#BC199B }
```

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

```
.border{ border-color:#BC199B }
```

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

Here you see how a box with a 4 pixel #BC199B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC199B; -webkit-box-shadow:4px 4px  
4px 4px #BC199B; box-shadow:4px 4px 4px  
4px #BC199B }
```

Background

The CSS property to change the background color of an element to Hex BC199B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC199B }
```

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

```
.background{ background-color:#BC199B }
```

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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