

Converting Colors

Hex(BD309D)

Have a look what the booklet for
Hex(BD309D) contains.

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Color

Hex(BD309D)

Conversions

Conversions Part 1

Format	Color
Hex	BD309D
RGB	189, 48, 157
RGB Percent	74%, 19%, 62%
CMY	0.2588, 0.8118, 0.3843
CMYK	0.00, 0.75, 0.17, 0.26
HSL	314°, 59%, 46%
HSV	314°, 75%, 74%
XYZ	28.1290, 15.3670, 33.3819
YIQ	102.5850, 49.0470, 63.7910

Conversions

Conversions Part 2

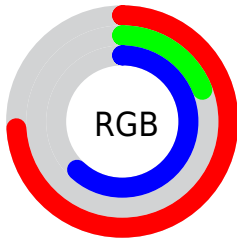
Format	Color
RYB	189, 48, 157
Decimal	12398749
CIELab	46.13, 65.39, -27.73
CIELCh	46, 71.027, 337.017
Yxy	15.3670, 0.3659, 0.1999
Android (android.graphics.Color)	4290588829 (0xFFBD309D)
YUV	102.5850, 26.8266, 75.7860
Hunter-Lab	39.2008, 59.4834, -23.0484

Details

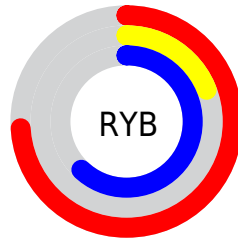
The Hex color **BD309D** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **30BD50**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **F86CD4**, and **840069** is the 20% darker color. If you saturate the color by 10%, you get **BD1D99**, and if you desaturate by 10%, it is **BD43A1**.

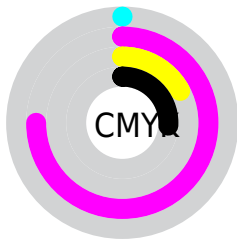
Distribution



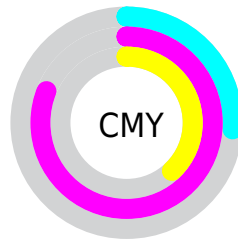
- Red (74%)
- Green (19%)
- Blue (62%)



- Red (74%)
- Yellow (19%)
- Blue (62%)



- Cyan (0%)
- Magenta (75%)
- Yellow (17%)
- Black (26%)



- Cyan (26%)
- Magenta (81%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD309D 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 BD309D by changing the saturation by 10% instead.

 BD309D

 BD309D

FFFFFF

 A00083

 F86CD4

 840069

 FF88F0

 680051

 FFA5FF

 4C0039

 FFC2FF

 320024

 FFDFFF

 0A000A

 FFFDFD

 000000

 BD309D

 BD309D

 BD1D99

 BD43A1

 BD0A94

 BD56A6

 BD0092

 BD69AA

 BD7CAE

 BD8FB2

 BDA1B7

 BDB4BB

 BDC7BF

 BDDAC4

Harmonies

Analogous

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



7D56CE



BD309D



D31762

Triad

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



BD309D



786F00



0086B4

Complementary

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



BD309D



30BD50

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.



00877A



BD309D



357D00

Square

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



BD309D



A95800



00843B



0080DC

Rectangle

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



BD309D



D02A3B



00843B



0087A2

Sweetspot

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



BD309D



F5BFE9



4F30BD



7A5B73



FAFAFA



7A7A7A

Same Dimension

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



BD309D



F518C3



BD3058



5E555C



9E007A



1F0018

Inverse Universe

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



BD309D



F518C3



30BD95



5E555C



9E007A



1F0018

Previews

White Background



This preview shows how the Hex color BD309D looks on a white background.

Color Contrast Check

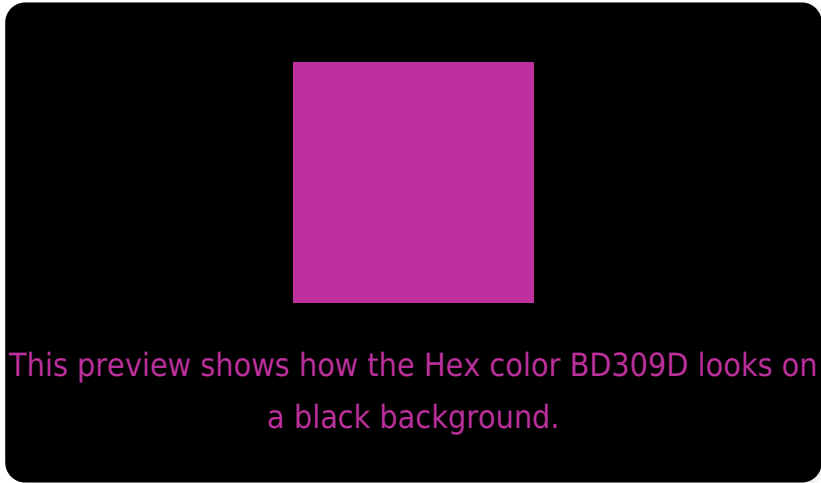
Large Text (above 18pt) WCAG AA ✓ Pass

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 BD309D Background



This preview shows how black text looks on a background with the Hex color BD309D.



This preview shows how white text looks on a background with the Hex color BD309D.

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
B64A4F

Trichromacy



Original Color
BD309D



Protanomaly
6A56BC



Deuteranomaly
845698



Tritanomaly
B9416B

Monochromacy



Original Color
BD309D



Achromatopsia
676767



Achromatomaly
86537B

CSS Examples

Text

The CSS property to change the color of the text to Hex BD309D 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 #BD309D looks like.

```
.text, #text, p{  
    color:#BD309D  
}
```

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 #BD309D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD309D
}
```

Border

The CSS property to change the border of an element to Hex BD309D 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
#BD309D }
```

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

```
.border{ border-color:#BD309D }
```

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

Here you see how a box with a 4 pixel #BD309D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD309D; -webkit-box-shadow:4px 4px  
4px 4px #BD309D; box-shadow:4px 4px 4px  
4px #BD309D }
```

Background

The CSS property to change the background color of an element to Hex BD309D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD309D }
```

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

```
.background{ background-color:#BD309D }
```

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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