

Converting Colors

Hex(BD00BF)

Have a look what the booklet for
Hex(BD00BF) contains.

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Color

Hex(BD00BF)

Conversions

Conversions Part 1

Format	Color
Hex	BD00BF
RGB	189, 0, 191
RGB Percent	74%, 0%, 75%
CMY	0.2588, 1.0000, 0.2510
CMYK	0.01, 1.00, 0.00, 0.25
HSL	299°, 100%, 37%
HSV	299°, 100%, 75%
XYZ	30.3902, 14.5804, 50.5028
YIQ	78.2850, 51.3330, 99.4690

Conversions

Conversions Part 2

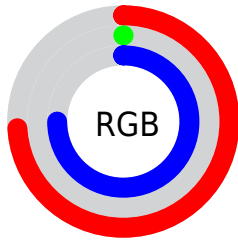
Format	Color
RYB	189, 0, 191
Decimal	12386495
CIELab	45.05, 78.74, -49.55
CIELCh	45, 93.032, 327.818
Yxy	14.5804, 0.3183, 0.1527
Android (android.graphics.Color)	4290576575 (0xFFBD00BF)
YUV	78.2850, 55.5685, 97.0971
Hunter-Lab	38.1843, 75.2426, -51.6883

Details

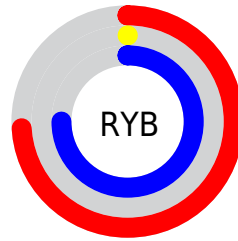
The Hex color **BD00BF** is a dark color, and the websafe version is hex **CC00CC**. A complement of this color would be **02BF00**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **F959F8**, and **830089** is the 20% darker color. If you saturate the color by 10%, you get **BD00BF**, and if you desaturate by 10%, it is **BD13BF**.

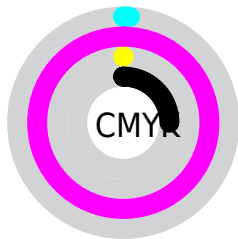
Distribution



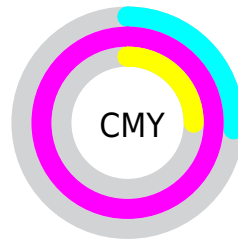
- Red (74%)
- Green (0%)
- Blue (75%)



- Red (74%)
- Yellow (0%)
- Blue (75%)



- Cyan (1%)
- Magenta (100%)
- Yellow (0%)
- Black (25%)



- Cyan (26%)
- Magenta (100%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD00BF 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 BD00BF by changing the saturation by 10% instead.

 BD00BF

 BD00BF

FFFFFF

 A000A3

 F959F8

 830089

 FF78FF

 66006F

 FF95FF

 4A0056

 FFB3FF

 2E003D

 FFD0FF

 070026

 FFE EFF

 00010F

 000000

 BD00BF

 BD13BF

 BD26BF

 BE39BF

 BE4CBF

 BE60BF

 BE73BF

 BE86BF

 BF99BF

 BFACBF

Harmonies

Analogous

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



3758F7



BD00BF



E70074

Triad

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



BD00BF



876600



0089B2

Complementary

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



BD00BF



02BF00

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.



008763



BD00BF



367A00

Square

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



BD00BF



C03E00



008300



0086F0

Rectangle

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



BD00BF



E90042



008300



008899

Sweetspot

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



BD00BF



F7ADF7



0003BF



7C507D



FCFCFC



7D7D7D

Same Dimension

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



BD00BF



F500F7



BF0063



5E555E



9C009E



1E001F

Inverse Universe

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



BF0002



F70003



00BF5C



5E5555



9E0002



1F0000

Previews

White Background



This preview shows how the Hex color BD00BF looks on a white background.

Color Contrast Check

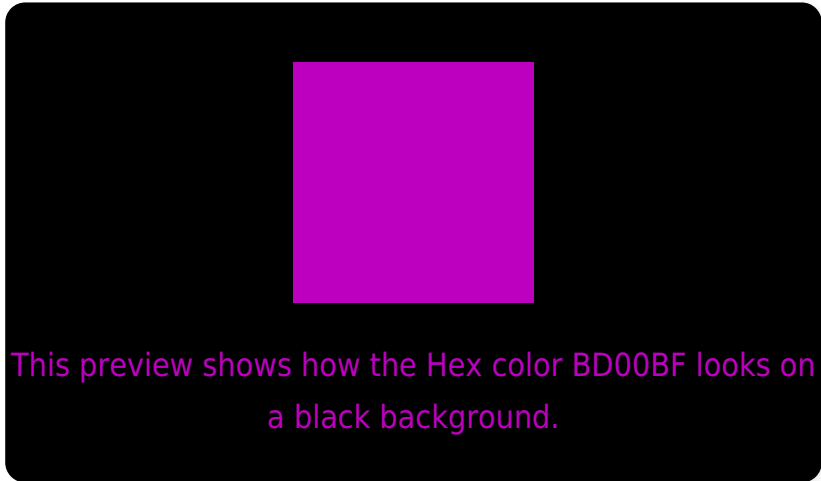
Large Text (above 18pt) WCAG AA ✓ Pass

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 BD00BF Background



This preview shows how black text looks on a background with the Hex color BD00BF.

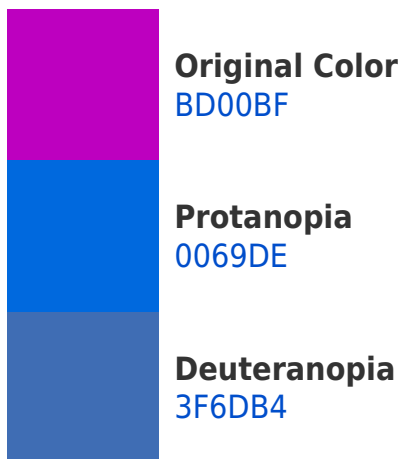



This preview shows how white text looks on a background with the Hex color BD00BF.

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
B14B50

Trichromacy



Original Color
BD00BF



Protanomaly
4543D3



Deuteranomaly
6D45B8



Tritanomaly
B53078

Monochromacy



Original Color
BD00BF



Achromatopsia
4E4E4E



Achromatomaly
763277

CSS Examples

Text

The CSS property to change the color of the text to Hex BD00BF 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 #BD00BF looks like.

```
.text, #text, p{  
    color:#BD00BF  
}
```

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 #BD00BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD00BF }  
}
```

Border

The CSS property to change the border of an element to Hex BD00BF 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 #BD00BF }  
}
```

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

```
.border{ border-color:#BD00BF }
```

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

Here you see how a box with a 4 pixel #BD00BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD00BF; -webkit-box-shadow:4px 4px  
4px 4px #BD00BF; box-shadow:4px 4px 4px  
4px #BD00BF }
```

Background

The CSS property to change the background color of an element to Hex BD00BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD00BF }
```

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

```
.background{ background-color:#BD00BF }
```

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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