

Converting Colors

Hex(BD00D7)

Have a look what the booklet for
Hex(BD00D7) contains.

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Color

Hex(BD00D7)

Conversions

Conversions Part 1

Format	Color
Hex	BD00D7
RGB	189, 0, 215
RGB Percent	74%, 0%, 84%
CMY	0.2588, 1.0000, 0.1569
CMYK	0.12, 1.00, 0.00, 0.16
HSL	293°, 100%, 42%
HSV	293°, 100%, 84%
XYZ	33.2520, 15.7251, 65.5727
YIQ	81.0210, 43.6290, 106.9330

Conversions

Conversions Part 2

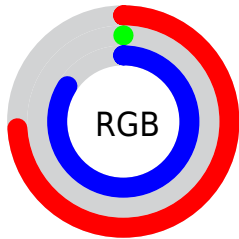
Format	Color
RYB	189, 0, 215
Decimal	12386519
CIELab	46.61, 82.44, -60.94
CIELCh	47, 102.517, 323.525
Yxy	15.7251, 0.2903, 0.1373
Android (android.graphics.Color)	4290576599 (0xFFBD00D7)
YUV	81.0210, 66.0516, 94.6976
Hunter-Lab	39.6549, 80.2823, -70.2825

Details

The Hex color **BD00D7** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed purple. A complement of this color would be **1AD700**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **FA5BFF**, and **82009F** is the 20% darker color. If you saturate the color by 10%, you get **BD00D7**, and if you desaturate by 10%, it is **C015D7**.

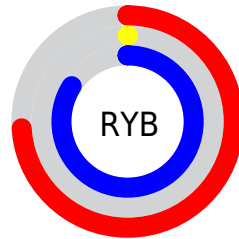
Distribution



Red (74%)

Green (0%)

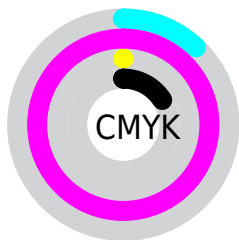
Blue (84%)



Red (74%)

Yellow (0%)

Blue (84%)

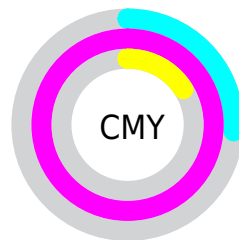


Cyan (12%)

Magenta (100%)

Yellow (0%)

Black (16%)



Cyan (26%)

Magenta (100%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD00D7 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 BD00D7 by changing the saturation by 10% instead.

 BD00D7

 BD00D7

FFFFFF

 9F00BB

 FA5BFF

 82009F

 FF79FF

 650084

 FF97FF

 48006A

 FFB5FF

 2C0051

 FFD3FF

 020039

 FFF1FF

 000222

 000008

 000000

 BD00D7

 C015D7

 C22BD7

 C541D7

 C756D7

 CA6CD7

 CD81D7

 CF97D7

 D2ACD7

 D4C2D7

Harmonies

Analogous

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



0061FF



BD00D7



F40085

Triad

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



BD00D7



976500



008FB2

Complementary

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



BD00D7



1AD700

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.



008D59



BD00D7



427D00

Square

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



BD00D7



D32F00



008800



008DFB

Rectangle

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



BD00D7



FB004D



008800



008E95

Sweetspot

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



BD00D7



F6B3FF



001DD7



7A5280



000000



808080

Same Dimension

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



BD00D7



E000FF



D70088



6A606B



9600AB



26002B

Inverse Universe

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



D7001A



FF001F



00D74F



6B6062



AB0015



2B0005

Previews

White Background



This preview shows how the Hex color BD00D7 looks on a white background.

Color Contrast Check

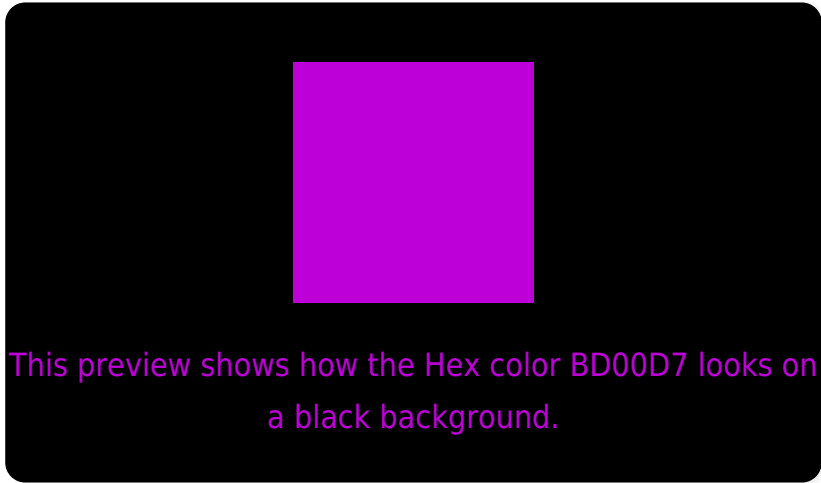
Large Text (above 18pt) WCAG AA ✓ Pass

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

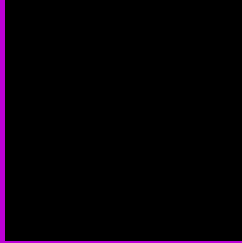
Any Text WCAG AA × Fail

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 BD00D7 Background



This preview shows how black text looks on a background with the Hex color BD00D7.

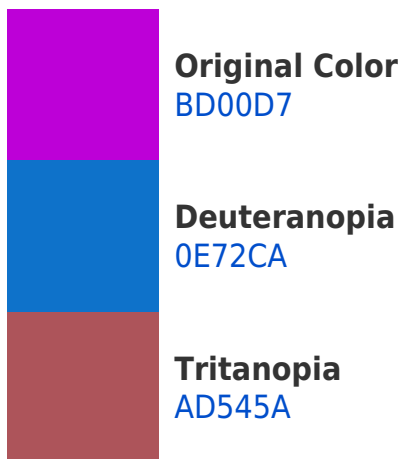


This preview shows how white text looks on a background with the Hex color BD00D7.

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



Trichromacy



Original Color
BD00D7



Deuteranomaly
4E49CF



Tritanomaly
B33587

Monochromacy



Original Color
BD00D7



Achromatopsia
515151



Achromatomaly
783482

CSS Examples

Text

The CSS property to change the color of the text to Hex BD00D7 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 #BD00D7 looks like.

```
.text, #text, p{  
    color:#BD00D7  
}
```

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 #BD00D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD00D7
}
```

Border

The CSS property to change the border of an element to Hex BD00D7 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
#BD00D7 }
```

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

```
.border{ border-color:#BD00D7 }
```

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

Here you see how a box with a 4 pixel #BD00D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD00D7; -webkit-box-shadow:4px 4px  
4px 4px #BD00D7; box-shadow:4px 4px 4px  
4px #BD00D7 }
```

Background

The CSS property to change the background color of an element to Hex BD00D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD00D7 }
```

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

```
.background{ background-color:#BD00D7 }
```

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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