

Converting Colors

Hex(BD05CA)

Have a look what the booklet for
Hex(BD05CA) contains.

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Color

Hex(BD05CA)

Conversions

Conversions Part 1

Format	Color
Hex	BD05CA
RGB	189, 5, 202
RGB Percent	74%, 2%, 79%
CMY	0.2588, 0.9804, 0.2078
CMYK	0.06, 0.98, 0.00, 0.21
HSL	296°, 95%, 41%
HSV	296°, 98%, 79%
XYZ	31.7012, 15.1916, 57.1386
YIQ	82.4740, 46.4270, 100.2750

Conversions

Conversions Part 2

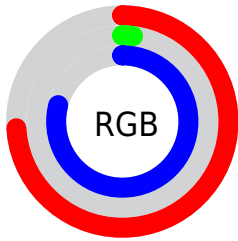
Format	Color
R_{YB}	189, 5, 202
Decimal	12387786
CIE _{Lab}	45.90, 79.96, -54.60
CIE _{LCh}	46, 96.824, 325.671
Yxy	15.1916, 0.3047, 0.1460
Android (android.graphics.Color)	4290577866 (0xFFBD05CA)
YUV	82.4740, 58.9263, 93.4233
Hunter-Lab	38.9764, 76.9729, -59.6343

Details

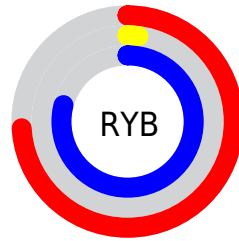
The Hex color **BD05CA** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as dark washed purple. A complement of this color would be **12CA05**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **F95BFF**, and **820093** is the 20% darker color. If you saturate the color by 10%, you get **BD00CA**, and if you desaturate by 10%, it is **BE19CA**.

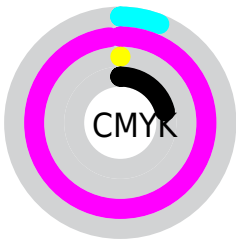
Distribution



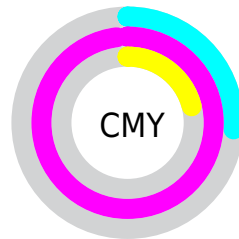
- Red (74%)
- Green (2%)
- Blue (79%)



- Red (74%)
- Yellow (2%)
- Blue (79%)



- Cyan (6%)
- Magenta (98%)
- Yellow (0%)
- Black (21%)



- Cyan (26%)
- Magenta (98%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD05CA 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 BD05CA by changing the saturation by 10% instead.

 BD05CA

 BD05CA

FFFFFF

 A000AE

 F95BFF

 820093

 FF79FF

 660078

 FF97FF

 49005F

 FFB5FF

 2E0046

 FFD2FF

 07002F

 FFF0FF

 000119

 000000

 BD05CA

 BD05CA

■ BD00CA

■ BE19CA

■ C02DCA

■ C142CA

■ C256CA

■ C46ACA

■ C57ECA

■ C692CA

■ C8A7CA

■ C9BBCA

Harmonies

Analogous

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



005DFF



BD05CA



ED007C

Triad

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



BD05CA



8F6600



008CB2

Complementary

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



BD05CA



12CA05

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.



008A5E



BD05CA



3D7C00

Square

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



BD05CA



C93900



008600



0089F5

Rectangle

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



BD05CA



F10048



008600



008B97

Sweetspot

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



BD05CA



FAB5FF



0512CA



7D5380



000000



808080

Same Dimension

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



BD05CA



EE00FF



CA0575



655C66



9B00A6



240026

Inverse Universe

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



CA0512



FF0011



05CA5A



665C5C



A6000B



260003

Previews

White Background



This preview shows how the Hex color BD05CA looks on a white background.

Color Contrast Check

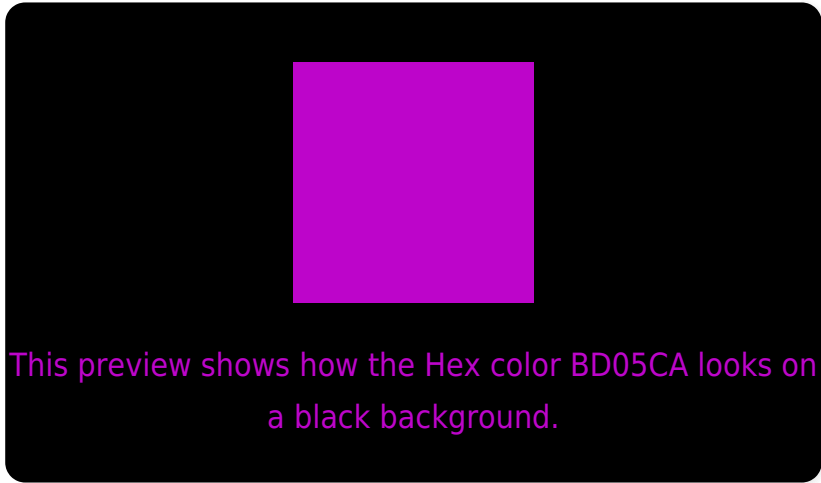
Large Text (above 18pt) WCAG AA ✓ Pass

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

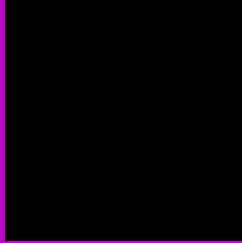
Any Text WCAG AA × Fail

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 BD05CA Background



This preview shows how black text looks on a background with the Hex color BD05CA.

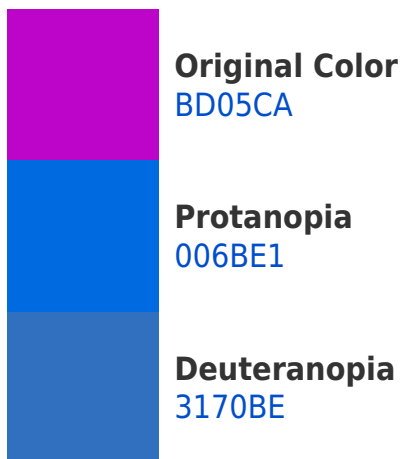


This preview shows how white text looks on a background with the Hex color BD05CA.

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
AF4F55

Trichromacy



Original Color
BD05CA



Protanomaly
4546D9



Deuteranomaly
6449C2

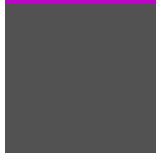


Tritanomaly
B43480

Monochromacy



Original Color
BD05CA



Achromatopsia
525252



Achromatomaly
79367E

CSS Examples

Text

The CSS property to change the color of the text to Hex BD05CA 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 #BD05CA looks like.

```
.text, #text, p{  
    color:#BD05CA  
}
```

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 #BD05CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD05CA
}
```

Border

The CSS property to change the border of an element to Hex BD05CA 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
#BD05CA }
```

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

```
.border{ border-color:#BD05CA }
```

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

Here you see how a box with a 4 pixel #BD05CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD05CA; -webkit-box-shadow:4px 4px  
4px 4px #BD05CA; box-shadow:4px 4px 4px  
4px #BD05CA }
```

Background

The CSS property to change the background color of an element to Hex BD05CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD05CA }
```

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

```
.background{ background-color:#BD05CA }
```

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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