

Converting Colors

Hex(BD03FF)

Have a look what the booklet for
Hex(BD03FF) contains.

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Color

Hex(BD03FF)

Conversions

Conversions Part 1

Format	Color
Hex	BD03FF
RGB	189, 3, 255
RGB Percent	74%, 1%, 100%
CMY	0.2588, 0.9882, 0.0000
CMYK	0.26, 0.99, 0.00, 0.00
HSL	284°, 100%, 51%
HSV	284°, 99%, 100%
XYZ	39.0688, 18.1039, 96.0430
YIQ	87.3420, 29.9640, 117.8040

Conversions

Conversions Part 2

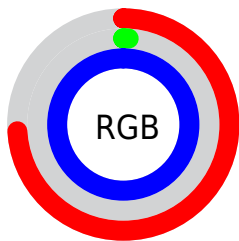
Format	Color
RYB	189, 3, 255
Decimal	12387327
CIELab	49.62, 88.91, -78.67
CIElCh	50, 118.716, 318.498
Yxy	18.1039, 0.2550, 0.1182
Android (android.graphics.Color)	4290577407 (0xFFBD03FF)
YUV	87.3420, 82.6554, 89.1541
Hunter-Lab	42.5487, 89.4409, -104.0481

Details

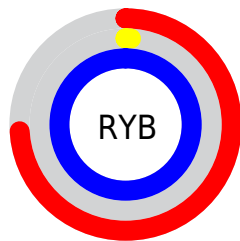
The Hex color **BD03FF** is a dark color, and the websafe version is hex **CC00FF**. The color can be described as middle saturated purple. A complement of this color would be **45FF03**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **FB5EFF**, and **8000C5** is the 20% darker color. If you saturate the color by 10%, you get **BC00FF**, and if you desaturate by 10%, it is **C41CFF**.

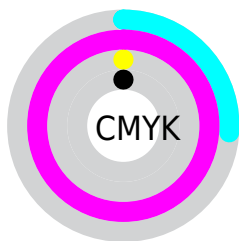
Distribution



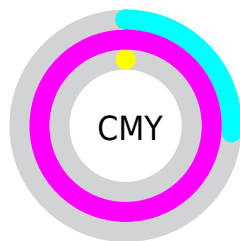
- Red (74%)
- Green (1%)
- Blue (100%)



- Red (74%)
- Yellow (1%)
- Blue (100%)



- Cyan (26%)
- Magenta (99%)
- Yellow (0%)
- Black (0%)



- Cyan (26%)
- Magenta (99%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD03FF 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 BD03FF by changing the saturation by 10% instead.

 BD03FF

 BD03FF

FFFFFF

 9F00E2

 FB5EFF

 8000C5

 FF7DFF

 6100A9

 FF9BFF

 41008D

 FFB9FF

 200073

 FFD7FF

 000059

 FFF6FF

 000640

 000329

 000113

 BD03FF

 BD03FF

 BC00FF

 C41CFF

 CA36FF

 D150FF

 D869FF

 DE83FF

 E59CFF

 ECB5FF

 F2CFFF

 F9E9FF

Harmonies

Analogous

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



0070FF



BD03FF



FF00A1

Triad

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



BD03FF



AF6400



009AB4

Complementary

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



BD03FF



45FF03

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.



00974A



BD03FF



528400

Square

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



BD03FF



F20000



009200



009AFF

Rectangle

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



BD03FF



FF0060



009200



009992

Sweetspot

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



BD03FF



EBB3FF



0346FF



735280



000000



808080

Same Dimension

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



BD03FF



BC00FF



FF03C4



7C7380



8D00BF



2F0040

Inverse Universe

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



FF0345



FF0043



03FF3E



807376



BF0032



400011

Previews

White Background



This preview shows how the Hex color BD03FF looks on a white background.

Color Contrast Check

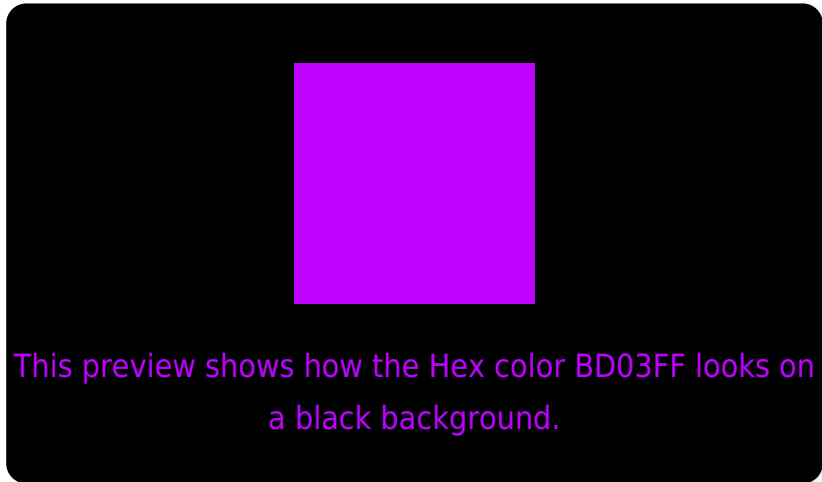
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex BD03FF Background



This preview shows how black text looks on a background with the Hex color BD03FF.



This preview shows how white text looks on a background with the Hex color BD03FF.

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



Original Color
BD03FF

Protanopia
0073F2

Deuteranopia
007AD3



Tritanopia
A6646B

Trichromacy



Original Color
BD03FF



Protanomaly
454AF7



Deuteranomaly
454FE3



Tritanomaly
AE41A1

Monochromacy



Original Color
BD03FF



Achromatopsia
575757



Achromatomaly
7C3894

CSS Examples

Text

The CSS property to change the color of the text to Hex BD03FF 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 #BD03FF looks like.

```
.text, #text, p{  
  color:#BD03FF  
}
```

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 #BD03FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD03FF
}
```

Border

The CSS property to change the border of an element to Hex BD03FF 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".

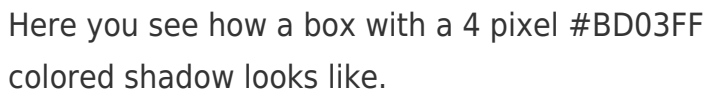
```
.border, #border, table{ border:4px solid
#BD03FF }
```

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

```
.border{ border-color:#BD03FF }
```

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

Here you see how a box with a 4 pixel #BD03FF colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD03FF; -webkit-box-shadow:4px 4px  
4px 4px #BD03FF; box-shadow:4px 4px 4px  
4px #BD03FF }
```

Background

The CSS property to change the background color of an element to Hex BD03FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD03FF }
```

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

```
.background{ background-color:#BD03FF }
```

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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