

Converting Colors

Hex(B000BF)

Have a look what the booklet for
Hex(B000BF) contains.

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Color

Hex(B000BF)

Conversions

Conversions Part 1

Format	Color
Hex	B000BF
RGB	176, 0, 191
RGB Percent	69%, 0%, 75%
CMY	0.3098, 1.0000, 0.2510
CMYK	0.08, 1.00, 0.00, 0.25
HSL	295°, 100%, 37%
HSV	295°, 100%, 75%
XYZ	27.3085, 12.9917, 50.3585
YIQ	74.3980, 43.5850, 96.7130

Conversions

Conversions Part 2

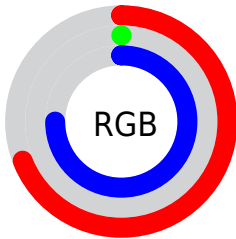
Format	Color
R_{YB}	176, 0, 191
Decimal	11534527
CIE _{Lab}	42.75, 76.69, -53.37
CIE _{LCh}	43, 93.439, 325.165
Yxy	12.9917, 0.3012, 0.1433
Android (android.graphics.Color)	4289724607 (0xFFB000BF)
YUV	74.3980, 57.4848, 89.1050
Hunter-Lab	36.0440, 72.1622, -57.6057

Details

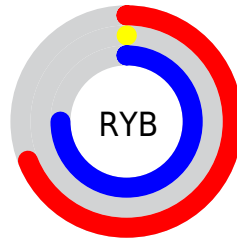
The Hex color **B000BF** is a dark color, and the websafe version is hex **CC00CC**. A complement of this color would be **0FBF00**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **EC57F8**, and **760089** is the 20% darker color. If you saturate the color by 10%, you get **B000BF**, and if you desaturate by 10%, it is **B213BF**.

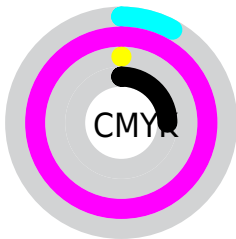
Distribution



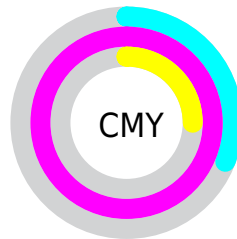
- Red (69%)
- Green (0%)
- Blue (75%)



- Red (69%)
- Yellow (0%)
- Blue (75%)



- Cyan (8%)
- Magenta (100%)
- Yellow (0%)
- Black (25%)



- Cyan (31%)
- Magenta (100%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color B000BF 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 B000BF by changing the saturation by 10% instead.

 B000BF

 B000BF

FFFFFF

 9300A3

 EC57F8

 760089

 FF74FF

 5A006E

 FF92FF

 3E0055

 FFAFFF

 21003D

 FFCDFE

 000126

 FFEAFF

 00010F

 000000

 B000BF

 B213BF

 B326BF

 B539BF

 B64CBF

 B860BF

 B973BF

 BB86BF

 BC99BF

 BEACBF

Harmonies

Analogous

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



0057F4



B000BF



DF0075

Triad

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



B000BF



865E00



0082A6

Complementary

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



B000BF



0FBF00

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.



008156



B000BF



387300

Square

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



B000BF



BD3200



007D00



0080E6

Rectangle

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



B000BF



E30043



007D00



00828C

Sweetspot

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



B000BF



F2ADF7



0010BF



79507D



FCFCFC



7D7D7D

Same Dimension

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



B000BF



E400F7



BF006F



5E555E



92009E



1C001F

Inverse Universe

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



BF000F



F70013



00BF50



5E5556



9E000C



1F0002

Previews

White Background



This preview shows how the Hex color B000BF looks on a white background.

Color Contrast Check

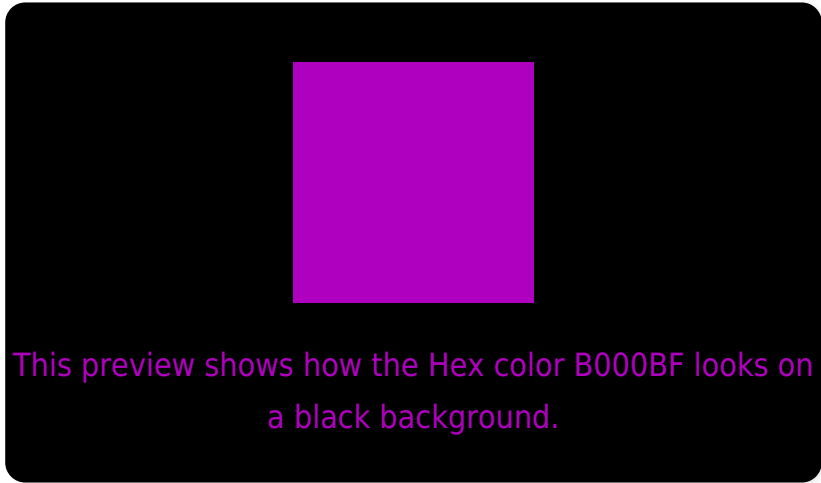
Large Text (above 18pt) WCAG AA ✓ Pass

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

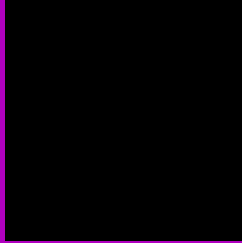
Any Text WCAG AA × Fail

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 B000BF Background



This preview shows how black text looks on a background with the Hex color B000BF.



This preview shows how white text looks on a background with the Hex color B000BF.

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
A34B50

Trichromacy



Original Color
B000BF



Protanomaly
4040CB



Deuteranomaly
5A42B8



Tritanomaly
A83078

Monochromacy



Original Color
B000BF



Achromatopsia
4A4A4A



Achromatomaly
6F2F75

CSS Examples

Text

The CSS property to change the color of the text to Hex B000BF 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 #B000BF looks like.

```
.text, #text, p{  
    color:#B000BF  
}
```

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 #B000BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B000BF
}
```

Border

The CSS property to change the border of an element to Hex B000BF is called "border". The border property can be set on classes, ids or directly on the HTML element.

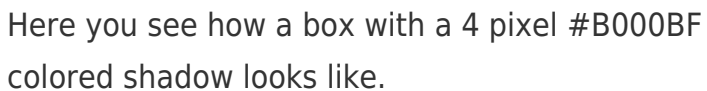
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B000BF }
```

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

```
.border{ border-color:#B000BF }
```

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



Here you see how a box with a 4 pixel #B000BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B000BF; -webkit-box-shadow:4px 4px  
4px 4px #B000BF; box-shadow:4px 4px 4px  
4px #B000BF }
```

Background

The CSS property to change the background color of an element to Hex B000BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B000BF }
```

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

```
.background{ background-color:#B000BF }
```

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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