

Converting Colors

Hex(B300BE)

Have a look what the booklet for
Hex(B300BE) contains.

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Color

Hex(B300BE)

Conversions

Conversions Part 1

Format	Color
Hex	B300BE
RGB	179, 0, 190
RGB Percent	70%, 0%, 75%
CMY	0.2980, 1.0000, 0.2549
CMYK	0.06, 1.00, 0.00, 0.25
HSL	297°, 100%, 37%
HSV	297°, 100%, 75%
XYZ	27.8847, 13.3014, 49.8129
YIQ	75.1810, 45.6940, 97.0380

Conversions

Conversions Part 2

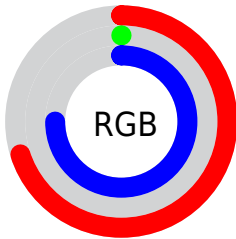
Format	Color
RYB	179, 0, 190
Decimal	11731134
CIELab	43.21, 77.00, -52.01
CIElCh	43, 92.924, 325.961
Yxy	13.3014, 0.3064, 0.1462
Android (android.graphics.Color)	4289921214 (0xFFB300BE)
YUV	75.1810, 56.6058, 91.0493
Hunter-Lab	36.4711, 72.6511, -55.4497

Details

The Hex color **B300BE** is a dark color, and the websafe version is hex **CC00CC**. A complement of this color would be **0BBE00**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **EF57F7**, and **790088** is the 20% darker color. If you saturate the color by 10%, you get **B300BE**, and if you desaturate by 10%, it is **B413BE**.

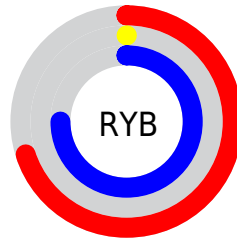
Distribution



Red (70%)

Green (0%)

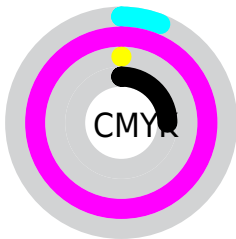
Blue (75%)



Red (70%)

Yellow (0%)

Blue (75%)

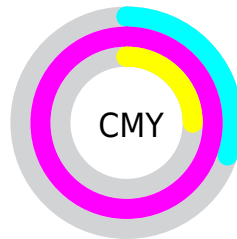


Cyan (6%)

Magenta (100%)

Yellow (0%)

Black (25%)



Cyan (30%)

Magenta (100%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color B300BE 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 B300BE by changing the saturation by 10% instead.

 B300BE

 B300BE

FFFFFF

 9600A2

 EF57F7

 790088

 FF75FF

 5D006E

 FF92FF

 410055

 FFB0FF

 24003C

 FFCDFE

 000025

 FFE8FF

 00010E

 000000

 B300BE

 B413BE

 B526BE

 B639BE

 B74CBE

 B85FBE

 BA72BE

 BB85BE

 BC98BE

 BDABBE

Harmonies

Analogous

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



0057F4



B300BE



E00074

Triad

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



B300BE



866000



0083A8

Complementary

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



B300BE



0BBE00

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.



008259



B300BE



387500

Square

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



B300BE



BD3500



007E00



0081E7

Rectangle

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



B300BE



E40042



007E00



00838F

Sweetspot

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



B300BE



F3ADF7



000DBE



7A507D



FCFCFC



7D7D7D

Same Dimension

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



B300BE



E900F7



BE006C



5E555E



95009E



1D001F

Inverse Universe

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



BE000B



F7000E



00BE52



5E5555



9E0009



1F0002

Previews

White Background



This preview shows how the Hex color B300BE looks on a white background.

Color Contrast Check

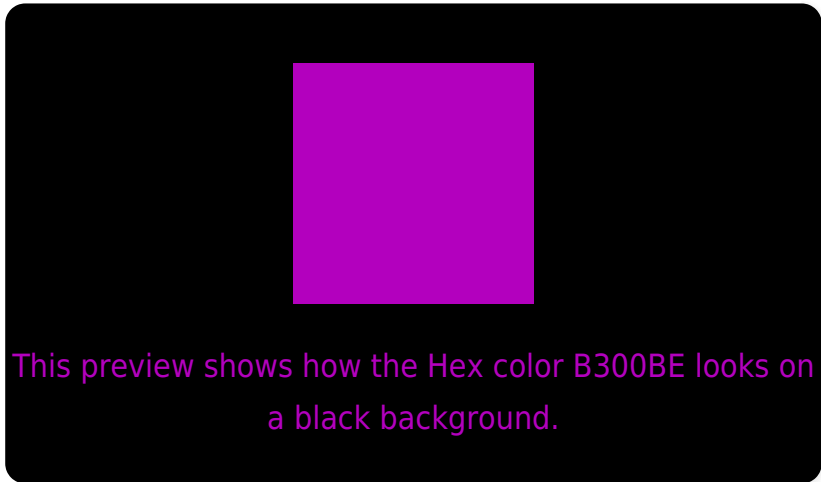
Large Text (above 18pt) WCAG AA ✓ Pass

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

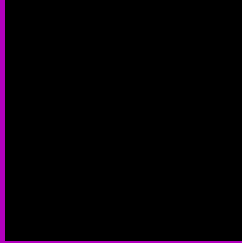
Any Text WCAG AA × Fail

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 B300BE Background



This preview shows how black text looks on a background with the Hex color B300BE.

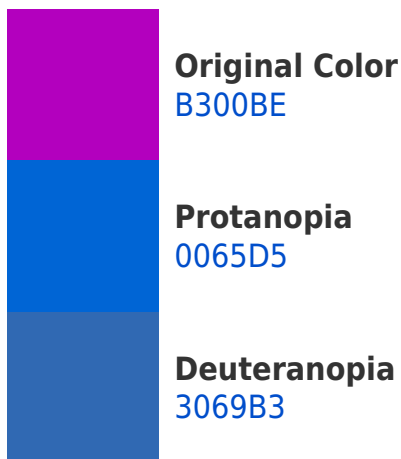


This preview shows how white text looks on a background with the Hex color B300BE.

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
A64B50

Trichromacy



Original Color
B300BE



Protanomaly
4140CD



Deuteranomaly
6043B7



Tritanomaly
AB3078

Monochromacy



Original Color
B300BE



Achromatopsia
4B4B4B



Achromatomaly
713075

CSS Examples

Text

The CSS property to change the color of the text to Hex B300BE 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 #B300BE looks like.

```
.text, #text, p{  
    color:#B300BE  
}
```

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 #B300BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B300BE
}
```

Border

The CSS property to change the border of an element to Hex B300BE is called "border". The border property can be set on classes, ids or directly on the HTML element.

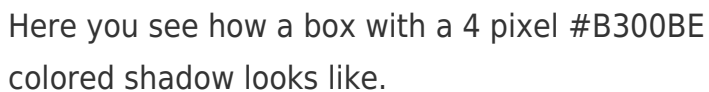
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B300BE }
```

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

```
.border{ border-color:#B300BE }
```

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



Here you see how a box with a 4 pixel #B300BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B300BE; -webkit-box-shadow:4px 4px  
4px 4px #B300BE; box-shadow:4px 4px 4px  
4px #B300BE }
```

Background

The CSS property to change the background color of an element to Hex B300BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B300BE }
```

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

```
.background{ background-color:#B300BE }
```

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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