

Converting Colors

Hex(BB00B7)

Have a look what the booklet for
Hex(BB00B7) contains.

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Color

Hex(BB00B7)

Conversions

Conversions Part 1

Format	Color
Hex	BB00B7
RGB	187, 0, 183
RGB Percent	73%, 0%, 72%
CMY	0.2667, 1.0000, 0.2824
CMYK	0.00, 1.00, 0.02, 0.27
HSL	301°, 100%, 37%
HSV	301°, 100%, 73%
XYZ	29.0408, 13.9837, 45.9682
YIQ	76.7750, 52.7090, 96.5570

Conversions

Conversions Part 2

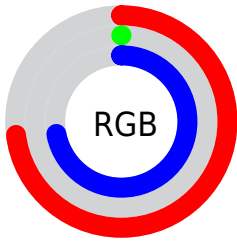
Format	Color
RYB	187, 0, 183
Decimal	12255415
CIELab	44.21, 77.24, -46.23
CIElCh	44, 90.017, 329.101
Yxy	13.9837, 0.3263, 0.1571
Android (android.graphics.Color)	4290445495 (0xFFBB00B7)
YUV	76.7750, 52.3689, 96.6673
Hunter-Lab	37.3948, 73.1821, -46.7070

Details

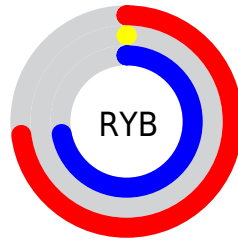
The Hex color **BB00B7** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **00BB04**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **F758F0**, and **810081** is the 20% darker color. If you saturate the color by 10%, you get **BB00B7**, and if you desaturate by 10%, it is **BB13B7**.

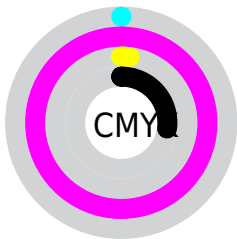
Distribution



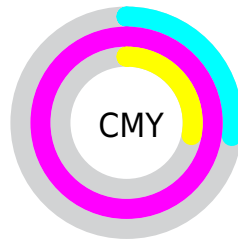
- Red (73%)
- Green (0%)
- Blue (72%)



- Red (73%)
- Yellow (0%)
- Blue (72%)



- Cyan (0%)
- Magenta (100%)
- Yellow (2%)
- Black (27%)



- Cyan (27%)
- Magenta (100%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB00B7 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 BB00B7 by changing the saturation by 10% instead.

 BB00B7

 BB00B7

FFFFFF

 9E009C

 F758F0

 810081

 FF76FF

 640067


 FF94FF

 49004F

 FFB1FF

 2D0037

 FFCFFF

 010020

 FFEEDF

 000004

 000000

 BB00B7

 BB13B7

 BB25B8

 BB38B8

 BB4BB9

 BB5EB9

 BB70B9

 BB83BA

 BB96BA

 BBA8BB

Harmonies

Analogous

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



4555EE



BB00B7



E2006E

Triad

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



BB00B7



826500



0086B0

Complementary

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



BB00B7



00BB04

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.



008464



BB00B7



327800

Square

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



BB00B7



BA4000



008105



0082EB

Rectangle

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



BB00B7



E3003E



008105



008698

Sweetspot

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



BB00B7



F2AAF1



0300BB



7A4E79



FAFAFA



7A7A7A

Same Dimension

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



BB00B7



F200ED



BB005A



5E555E



9E009B



1F001E

Inverse Universe

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



BB00B7



F200ED



00BB61



5E555E



9E009B



1F001E

Previews

White Background



This preview shows how the Hex color BB00B7 looks on a white background.

Color Contrast Check

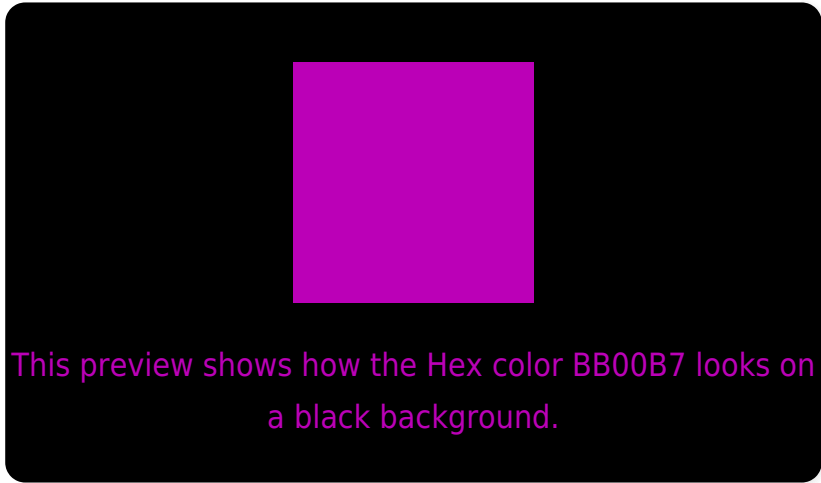
Large Text (above 18pt) WCAG AA ✓ Pass

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

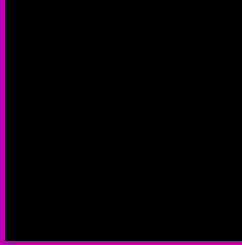
Any Text WCAG AA × Fail

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 BB00B7 Background



This preview shows how black text looks on a background with the Hex color BB00B7.

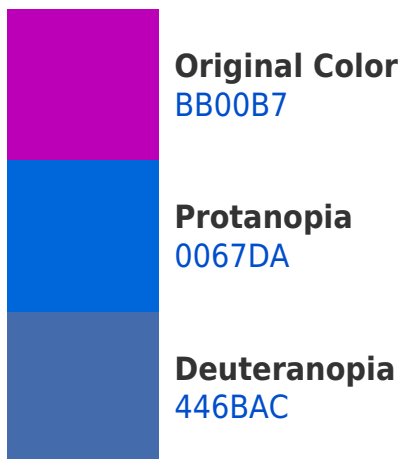


This preview shows how white text looks on a background with the Hex color BB00B7.

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
B0484D

Trichromacy



Original Color
BB00B7



Protanomaly
4442CD



Deuteranomaly
6F44B0



Tritanomaly
B42E74

Monochromacy



Original Color
BB00B7



Achromatopsia
4D4D4D



Achromatomaly
753174

CSS Examples

Text

The CSS property to change the color of the text to Hex BB00B7 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 #BB00B7 looks like.

```
.text, #text, p{  
    color:#BB00B7  
}
```

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 #BB00B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB00B7
}
```

Border

The CSS property to change the border of an element to Hex BB00B7 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
#BB00B7 }
```

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

```
.border{ border-color:#BB00B7 }
```

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

Here you see how a box with a 4 pixel #BB00B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB00B7; -webkit-box-shadow:4px 4px  
4px 4px #BB00B7; box-shadow:4px 4px 4px  
4px #BB00B7 }
```

Background

The CSS property to change the background color of an element to Hex BB00B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB00B7 }
```

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

```
.background{ background-color:#BB00B7 }
```

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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