

Converting Colors

Hex(B700BC)

Have a look what the booklet for
Hex(B700BC) contains.

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Color

Hex(B700BC)

Conversions

Conversions Part 1

Format	Color
Hex	B700BC
RGB	183, 0, 188
RGB Percent	72%, 0%, 74%
CMY	0.2824, 1.0000, 0.2627
CMYK	0.03, 1.00, 0.00, 0.26
HSL	298°, 100%, 37%
HSV	298°, 100%, 74%
XYZ	28.6055, 13.6981, 48.7133
YIQ	76.1490, 48.7200, 97.2640

Conversions

Conversions Part 2

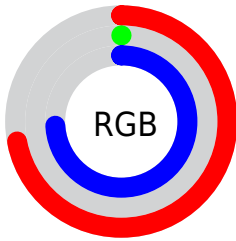
Format	Color
R_{YB}	183, 0, 188
Decimal	11993276
CIE Lab	43.80, 77.33, -49.87
CIE LCh	44, 92.013, 327.183
Yxy	13.6981, 0.3143, 0.1505
Android (android.graphics.Color)	4290183356 (0xFFB700BC)
YUV	76.1490, 55.1425, 93.7083
Hunter-Lab	37.0110, 73.1923, -52.1289

Details

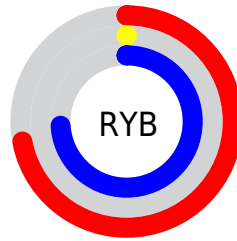
The Hex color **B700BC** is a dark color, and the websafe version is hex **CC00CC**. A complement of this color would be **05BC00**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **F358F5**, and **7D0086** is the 20% darker color. If you saturate the color by 10%, you get **B700BC**, and if you desaturate by 10%, it is **B813BC**.

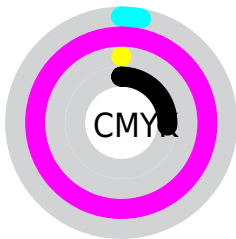
Distribution



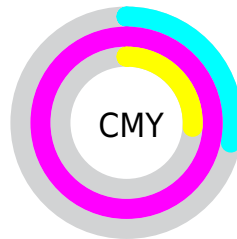
- Red (72%)
- Green (0%)
- Blue (74%)



- Red (72%)
- Yellow (0%)
- Blue (74%)



- Cyan (3%)
- Magenta (100%)
- Yellow (0%)
- Black (26%)



- Cyan (28%)
- Magenta (100%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color B700BC 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 B700BC by changing the saturation by 10% instead.

 B700BC

 B700BC

FFFFFF

 9A00A1

 F358F5

 7D0086

 FF76FF

 60006C

 FF93FF

 450053

 FFB1FF

 29003B

 FFCEFF

 000024

 FFECFF

 00000B

 000000

 B700BC

 B813BC

 B826BC

 B938BC

 B94BBC

 BA5EBC

 BA71BC

 BB84BC

 BB96BC

 BCA9BC

Harmonies

Analogous

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



2B57F3



B700BC



E20072

Triad

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



B700BC



856300



0085AC

Complementary

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



B700BC



05BC00

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.



00835E



B700BC



367700

Square

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



B700BC



BD3A00



008000



0082EA

Rectangle

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



B700BC



E40041



008000



008593

Sweetspot

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



B700BC



F3ABF5



0006BC



794E7A



FAFAFA



7A7A7A

Same Dimension

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



B700BC



EE00F5



BC0064



5E555E



9A009E



1E001F

Inverse Universe

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



BC0005



F50007



00BC58



5E5555



9E0004



1F0001

Previews

White Background



This preview shows how the Hex color B700BC looks on a white background.

Color Contrast Check

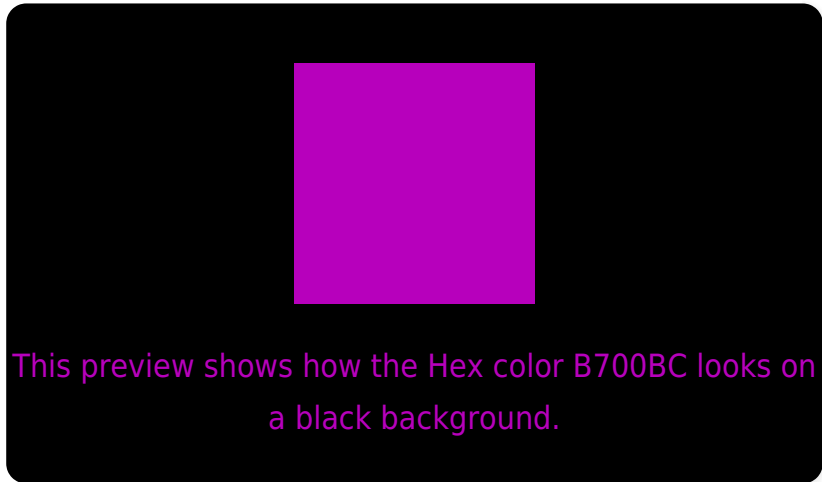
Large Text (above 18pt) WCAG AA ✓ Pass

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

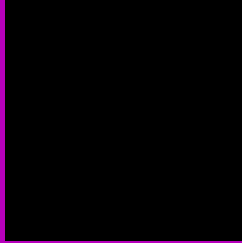
Any Text WCAG AA × Fail

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 B700BC Background



This preview shows how black text looks on a background with the Hex color B700BC.

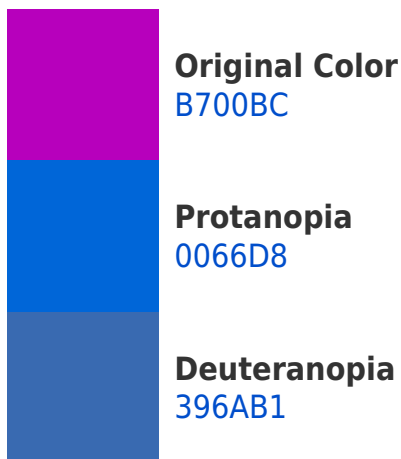


This preview shows how white text looks on a background with the Hex color B700BC.

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
AB4A4F

Trichromacy



Original Color
B700BC



Protanomaly
4341CE



Deuteranomaly
6743B5



Tritanomaly
AF2F77

Monochromacy



Original Color
B700BC



Achromatopsia
4C4C4C



Achromatomaly
733075

CSS Examples

Text

The CSS property to change the color of the text to Hex B700BC 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 #B700BC looks like.

```
.text, #text, p{  
    color:#B700BC  
}
```

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 #B700BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B700BC
}
```

Border

The CSS property to change the border of an element to Hex B700BC is called "border". The border property can be set on classes, ids or directly on the HTML element.

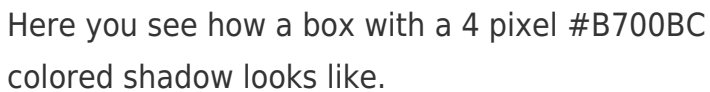
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B700BC }
```

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

```
.border{ border-color:#B700BC }
```

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



Here you see how a box with a 4 pixel #B700BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B700BC; -webkit-box-shadow:4px 4px  
4px 4px #B700BC; box-shadow:4px 4px 4px  
4px #B700BC }
```

Background

The CSS property to change the background color of an element to Hex B700BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B700BC }
```

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

```
.background{ background-color:#B700BC }
```

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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