

Converting Colors

Hex(B800BE)

Have a look what the booklet for
Hex(B800BE) contains.

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Color

Hex(B800BE)

Conversions

Conversions Part 1

Format	Color
Hex	B800BE
RGB	184, 0, 190
RGB Percent	72%, 0%, 75%
CMY	0.2784, 1.0000, 0.2549
CMYK	0.03, 1.00, 0.00, 0.25
HSL	298°, 100%, 37%
HSV	298°, 100%, 75%
XYZ	29.0614, 13.9081, 49.8680
YIQ	76.6760, 48.6740, 98.0980

Conversions

Conversions Part 2

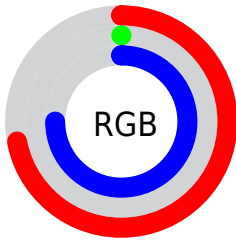
Format	Color
R_{YB}	184, 0, 190
Decimal	12058814
CIE _{Lab}	44.10, 77.79, -50.54
CIE _{LCh}	44, 92.767, 326.987
Yxy	13.9081, 0.3130, 0.1498
Android (android.graphics.Color)	4290248894 (0xFFB800BE)
YUV	76.6760, 55.8687, 94.1231
Hunter-Lab	37.2935, 73.8347, -53.1758

Details

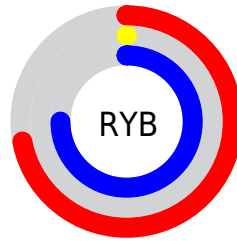
The Hex color **B800BE** is a dark color, and the websafe version is hex **CC00CC**. A complement of this color would be **06BE00**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **F458F7**, and **7E0088** is the 20% darker color. If you saturate the color by 10%, you get **B800BE**, and if you desaturate by 10%, it is **B913BE**.

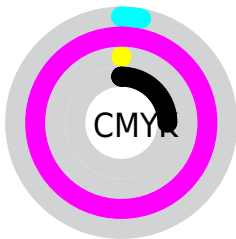
Distribution



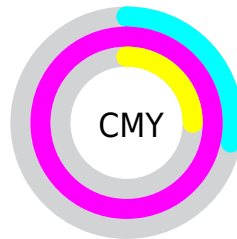
- Red (72%)
- Green (0%)
- Blue (75%)



- Red (72%)
- Yellow (0%)
- Blue (75%)



- Cyan (3%)
- Magenta (100%)
- Yellow (0%)
- Black (25%)



- Cyan (28%)
- Magenta (100%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color B800BE 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 B800BE by changing the saturation by 10% instead.

 B800BE

 B800BE

FFFFFF

 9B00A2

 F458F7

 7E0088

 FF76FF

 61006E

 FF94FF

 460055

 FFB1FF

 2A003C

 FFCFFF

 000025

 FFEDFF

 00010E

 000000

 B800BE

 B913BE

 B926BE

 BA39BE

 BA4CBE

 BB5FBE

 BC72BE

 BC85BE

 BD98BE

 BDABBE

Harmonies

Analogous

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



2757F5



B800BE



E30074

Triad

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



B800BE



866300



0086AD

Complementary

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



B800BE



06BE00

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.



00845E



B800BE



377700

Square

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



B800BE



BE3A00



008100



0083EB

Rectangle

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



B800BE



E60042



008100



008694

Sweetspot

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



B800BE



F5ADF7



0006BE



7C507D



FCFCFC



7D7D7D

Same Dimension

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



B800BE



F000F7



BE0065



5E555E



99009E



1E001F

Inverse Universe

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



BE0006



F70008



00BE59



5E5555



9E0005



1F0001

Previews

White Background



This preview shows how the Hex color B800BE looks on a white background.

Color Contrast Check

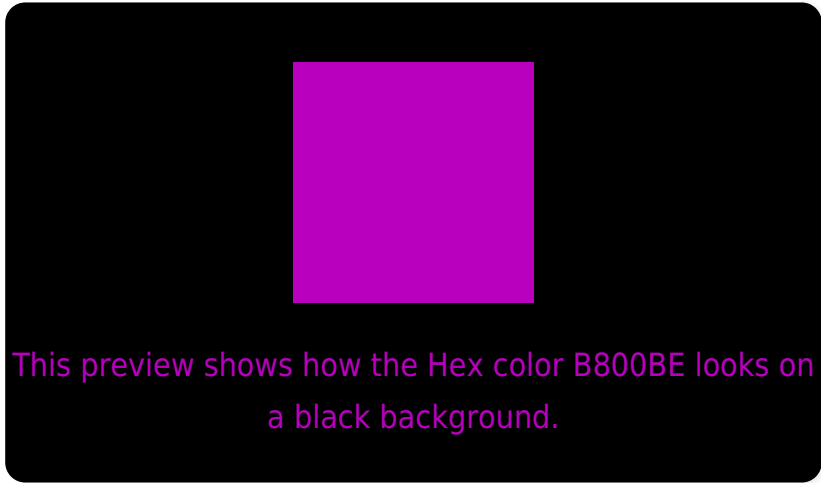
Large Text (above 18pt) WCAG AA ✓ Pass

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

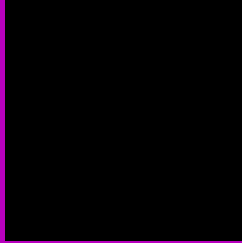
Any Text WCAG AA × Fail

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 B800BE Background



This preview shows how black text looks on a background with the Hex color B800BE.

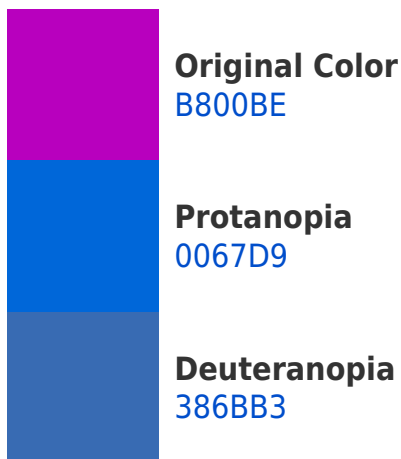


This preview shows how white text looks on a background with the Hex color B800BE.

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



Trichromacy



Original Color
B800BE



Protanomaly
4342CF



Deuteranomaly
6744B7



Tritanomaly
B03078

Monochromacy



Original Color
B800BE



Achromatopsia
4D4D4D



Achromatomaly
743176

CSS Examples

Text

The CSS property to change the color of the text to Hex B800BE 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 #B800BE looks like.

```
.text, #text, p{  
    color:#B800BE  
}
```

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 #B800BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B800BE
}
```

Border

The CSS property to change the border of an element to Hex B800BE 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
#B800BE }
```

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

```
.border{ border-color:#B800BE }
```

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

Here you see how a box with a 4 pixel #B800BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B800BE; -webkit-box-shadow:4px 4px  
4px 4px #B800BE; box-shadow:4px 4px 4px  
4px #B800BE }
```

Background

The CSS property to change the background color of an element to Hex B800BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B800BE }
```

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

```
.background{ background-color:#B800BE }
```

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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