

Converting Colors

Hex(BB00C2)

Have a look what the booklet for
Hex(BB00C2) contains.

Hex(BB00C2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(BB00C2)

Conversions

Conversions Part 1

Format	Color
Hex	BB00C2
RGB	187, 0, 194
RGB Percent	73%, 0%, 76%
CMY	0.2667, 1.0000, 0.2392
CMYK	0.04, 1.00, 0.00, 0.24
HSL	298°, 100%, 38%
HSV	298°, 100%, 76%
XYZ	30.2311, 14.4598, 52.2366
YIQ	78.0290, 49.1780, 99.9780

Conversions

Conversions Part 2

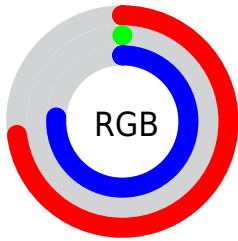
Format	Color
R_{YB}	187, 0, 194
Decimal	12255426
CIE _{Lab}	44.89, 78.87, -51.59
CIE _{LCh}	45, 94.244, 326.809
Yxy	14.4598, 0.3119, 0.1492
Android (android.graphics.Color)	4290445506 (0xFFBB00C2)
YUV	78.0290, 57.1737, 95.5676
Hunter-Lab	38.0261, 75.3636, -54.8287

Details

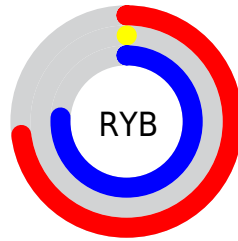
The Hex color **BB00C2** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as dark washed purple. A complement of this color would be **07C200**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **F759FB**, and **81008B** is the 20% darker color. If you saturate the color by 10%, you get **BB00C2**, and if you desaturate by 10%, it is **BC13C2**.

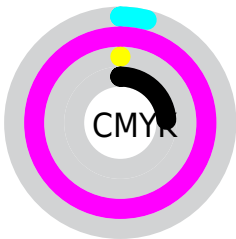
Distribution



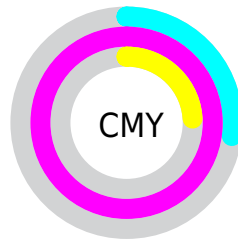
- Red (73%)
- Green (0%)
- Blue (76%)



- Red (73%)
- Yellow (0%)
- Blue (76%)



- Cyan (4%)
- Magenta (100%)
- Yellow (0%)
- Black (24%)



- Cyan (27%)
- Magenta (100%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB00C2 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 BB00C2 by changing the saturation by 10% instead.

 BB00C2

 BB00C2

FFFFFF

 9E00A6

 F759FB

 81008B

 FF77FF

 640071

 FF95FF

 480058

 FFB2FF

 2C0040

 FFD0FF

 020029

 FFE EFF

 000112

 000000

 BB00C2

 BC13C2

 BC27C2

 BD3AC2

 BE4EC2

 BF61C2

 BF74C2

 C088C2

 C19BC2

 C1AFC2

Harmonies

Analogous

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



2459FA



BB00C2



E80076

Triad

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



BB00C2



896500



0088B0

Complementary

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



BB00C2



07C200

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.



00875F



BB00C2



387900

Square

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



BB00C2



C23B00



008300



0086F0

Rectangle

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



BB00C2



EA0043



008300



008896

Sweetspot

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



BB00C2



FAB1FC



000AC2



7E5280



000000



808080

Same Dimension

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



BB00C2



F300FC



C2006B



615761



9B00A1



200021

Inverse Universe

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



C20007



FC0009



00C257



615758



A10006



210001

Previews

White Background



This preview shows how the Hex color BB00C2 looks on a white background.

Color Contrast Check

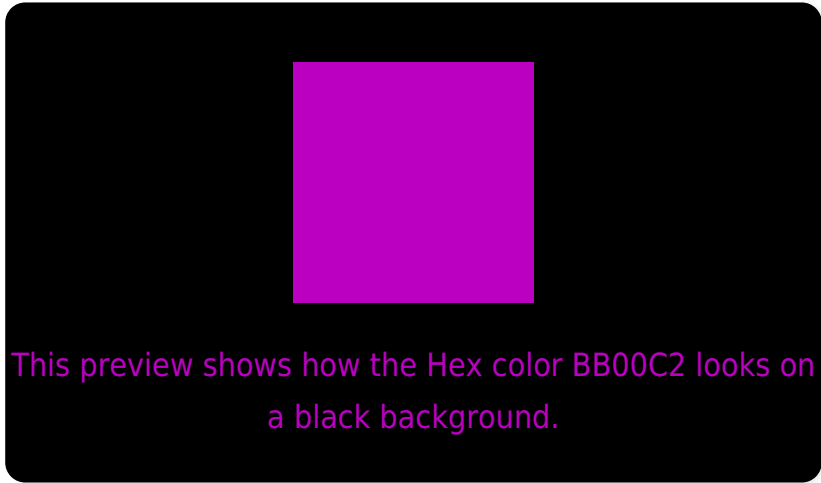
Large Text (above 18pt) WCAG AA ✓ Pass

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 BB00C2 Background



This preview shows how black text looks on a background with the Hex color BB00C2.



This preview shows how white text looks on a background with the Hex color BB00C2.

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
BB00C2



Protanomaly
4443D3



Deuteranomaly
6845BA



Tritanomaly
B3307A

Monochromacy



Original Color
BB00C2



Achromatopsia
4E4E4E



Achromatomaly
763278

CSS Examples

Text

The CSS property to change the color of the text to Hex BB00C2 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 #BB00C2 looks like.

```
.text, #text, p{  
    color:#BB00C2  
}
```

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 #BB00C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB00C2
}
```

Border

The CSS property to change the border of an element to Hex BB00C2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

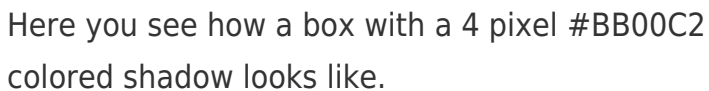
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BB00C2 }
```

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

```
.border{ border-color:#BB00C2 }
```

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



Here you see how a box with a 4 pixel #BB00C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB00C2; -webkit-box-shadow:4px 4px  
4px 4px #BB00C2; box-shadow:4px 4px 4px  
4px #BB00C2 }
```

Background

The CSS property to change the background color of an element to Hex BB00C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB00C2 }
```

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

```
.background{ background-color:#BB00C2 }
```

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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