

Converting Colors

Hex(B900CC)

Have a look what the booklet for
Hex(B900CC) contains.

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Color

Hex(B900CC)

Conversions

Conversions Part 1

Format	Color
Hex	B900CC
RGB	185, 0, 204
RGB Percent	73%, 0%, 80%
CMY	0.2745, 1.0000, 0.2000
CMYK	0.09, 1.00, 0.00, 0.20
HSL	294°, 100%, 40%
HSV	294°, 100%, 80%
XYZ	30.9067, 14.6739, 58.3301
YIQ	78.5710, 44.7760, 102.6640

Conversions

Conversions Part 2

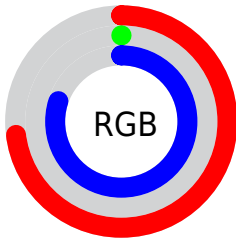
Format	Color
R _Y B	185, 0, 204
Decimal	12124364
CIE Lab	45.18, 80.10, -56.94
CIE LCh	45, 98.280, 324.592
Yxy	14.6739, 0.2974, 0.1412
Android (android.graphics.Color)	4290314444 (0xFFB900CC)
YUV	78.5710, 61.8365, 93.3382
Hunter-Lab	38.3066, 76.9817, -63.4674

Details

The Hex color **B900CC** 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 **13CC00**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **F559FF**, and **7E0095** is the 20% darker color. If you saturate the color by 10%, you get **B900CC**, and if you desaturate by 10%, it is **BB14CC**.

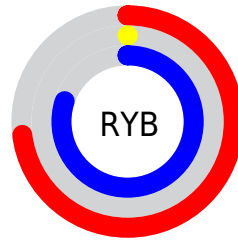
Distribution



Red (73%)

Green (0%)

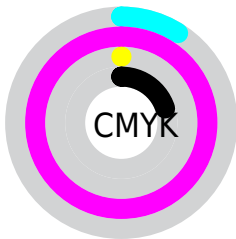
Blue (80%)



Red (73%)

Yellow (0%)

Blue (80%)

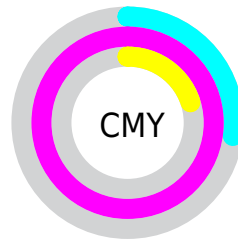


Cyan (9%)

Magenta (100%)

Yellow (0%)

Black (20%)



Cyan (27%)

Magenta (100%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color B900CC 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 B900CC by changing the saturation by 10% instead.

 B900CC

 B900CC

FFFFFF

 9C00B0

 F559FF

 7E0095

 FF78FF

 62007A

 FF95FF

 450061

 FFB3FF

 290048

 FFD0FF

 000030

 FFEFFF

 00011A

 000000

 B900CC

 BB14CC

 BD29CC

 BF3DCC

 C152CC

 C266CC

 C47ACC

 C68FCC

 C8A3CC

 CAB8CC

Harmonies

Analogous

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



005DFF



B900CC



EC007E

Triad

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



B900CC



8F6300



008AAE

Complementary

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



B900CC



13CC00

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.



008859



B900CC



3D7A00

Square

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



B900CC



C93200



008400



0088F3

Rectangle

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



B900CC



F10048



008400



008A93

Sweetspot

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



B900CC



F8B3FF



0014CC



7B5280



000000



808080

Same Dimension

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



B900CC



E700FF



CC007A



655C66



9600A6



230026

Inverse Universe

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



CC0013



FF0018



00CC52



665C5D



A6000F



260004

Previews

White Background



This preview shows how the Hex color B900CC looks on a white background.

Color Contrast Check

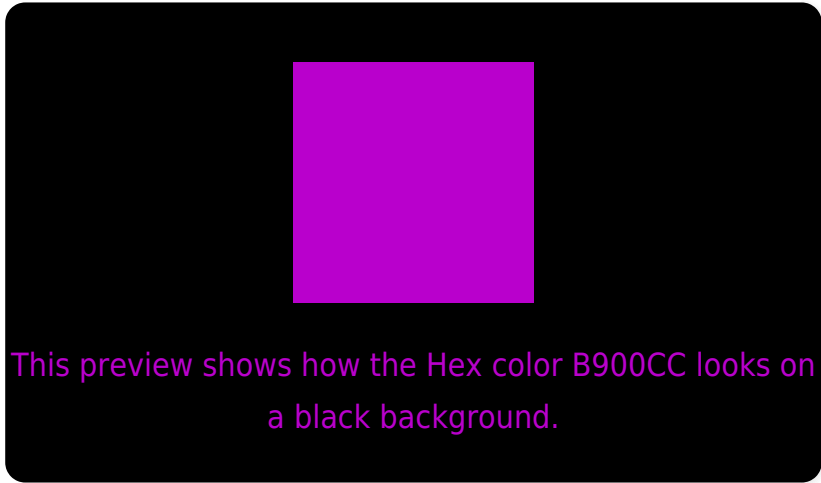
Large Text (above 18pt) WCAG AA ✓ Pass

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

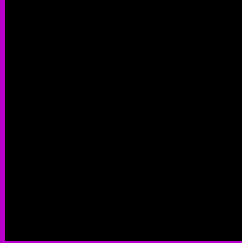
Any Text WCAG AA × Fail

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 B900CC Background



This preview shows how black text looks on a background with the Hex color B900CC.

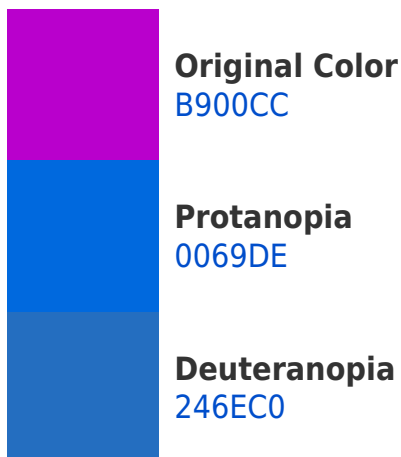


This preview shows how white text looks on a background with the Hex color B900CC.

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
B900CC



Protanomaly
4343D7



Deuteranomaly
5A46C4



Tritanomaly
B03381

Monochromacy



Original Color
B900CC



Achromatopsia
4F4F4F



Achromatomaly
76327C

CSS Examples

Text

The CSS property to change the color of the text to Hex B900CC 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 #B900CC looks like.

```
.text, #text, p{  
    color:#B900CC  
}
```

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 #B900CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B900CC  
}
```

Border

The CSS property to change the border of an element to Hex B900CC is called "border". The border property can be set on classes, ids or directly on the HTML element.

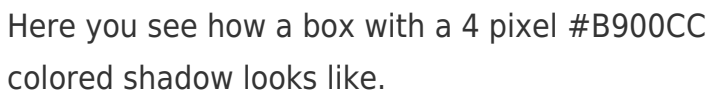
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#B900CC }
```

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

```
.border{ border-color:#B900CC }
```

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



Here you see how a box with a 4 pixel #B900CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B900CC; -webkit-box-shadow:4px 4px  
4px 4px #B900CC; box-shadow:4px 4px 4px  
4px #B900CC }
```

Background

The CSS property to change the background color of an element to Hex B900CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B900CC }
```

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

```
.background{ background-color:#B900CC }
```

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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