

Converting Colors

Hex(B900C7)

Have a look what the booklet for
Hex(B900C7) contains.

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Color

Hex(B900C7)

Conversions

Conversions Part 1

Format	Color
Hex	B900C7
RGB	185, 0, 199
RGB Percent	73%, 0%, 78%
CMY	0.2745, 1.0000, 0.2196
CMYK	0.07, 1.00, 0.00, 0.22
HSL	296°, 100%, 39%
HSV	296°, 100%, 78%
XYZ	30.3164, 14.4378, 55.2218
YIQ	78.0010, 46.3810, 101.1090

Conversions

Conversions Part 2

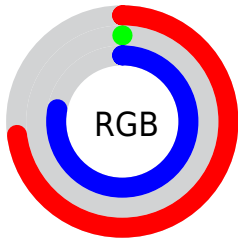
Format	Color
R_{YB}	185, 0, 199
Decimal	12124359
CIE _{Lab}	44.85, 79.32, -54.57
CIE _{LCh}	45, 96.282, 325.472
Yxy	14.4378, 0.3032, 0.1444
Android (android.graphics.Color)	4290314439 (0xFFB900C7)
YUV	78.0010, 59.6525, 93.8381
Hunter-Lab	37.9971, 75.9231, -59.5690

Details

The Hex color **B900C7** 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 **0EC700**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **F559FF**, and **7F0090** is the 20% darker color. If you saturate the color by 10%, you get **B900C7**, and if you desaturate by 10%, it is **BA14C7**.

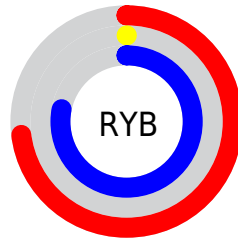
Distribution



Red (73%)

Green (0%)

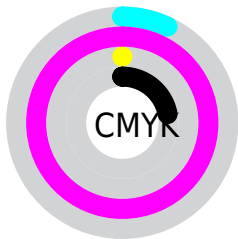
Blue (78%)



Red (73%)

Yellow (0%)

Blue (78%)

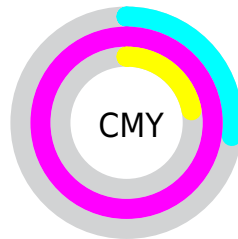


Cyan (7%)

Magenta (100%)

Yellow (0%)

Black (22%)



Cyan (27%)

Magenta (100%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color B900C7 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 B900C7 by changing the saturation by 10% instead.

 B900C7

 B900C7

FFFFFF

 9C00AB

 F559FF

 7F0090

 FF77FF

 620076

 FF95FF

 46005C

 FFB2FF

 2A0044

 FFD0FF

 00002C

 FFE EFF

 000116

 000000

 B900C7

 BA14C7

 BC28C7

 BD3CC7

 BF50C7

 C064C7

 C177C7

 C38BC7

 C49FC7

 C6B3C7

Harmonies

Analogous

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



005BFF



B900C7



E9007A

Triad

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



B900C7



8C6300



0089AE

Complementary

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



B900C7



0EC700

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.



00875B



B900C7



3B7900

Square

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



B900C7



C63600



008300



0086F0

Rectangle

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



B900C7



ED0046



008300



008893

Sweetspot

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



B900C7



FAB3FF



0011C7



7C5280



000000



808080

Same Dimension

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



B900C7



ED00FF



C70074



635A63



9800A3



210024

Inverse Universe

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



C7000E



FF0012



00C753



635A5A



A3000B



240003

Previews

White Background



This preview shows how the Hex color B900C7 looks on a white background.

Color Contrast Check

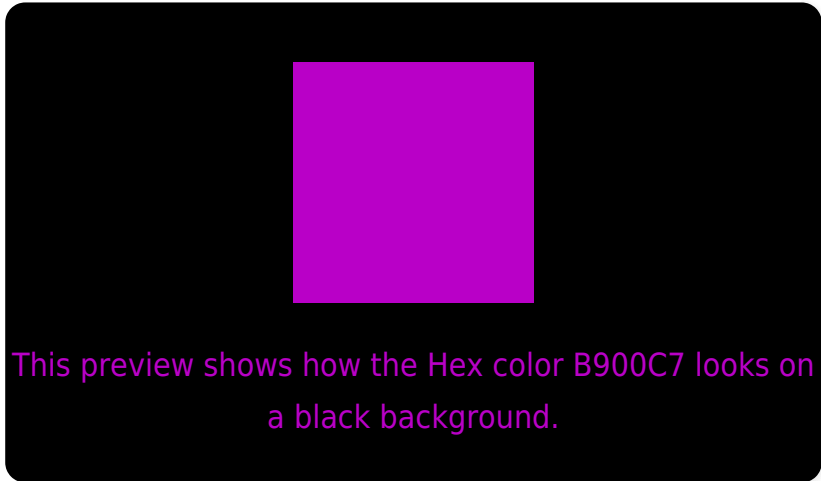
Large Text (above 18pt) WCAG AA ✓ Pass

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

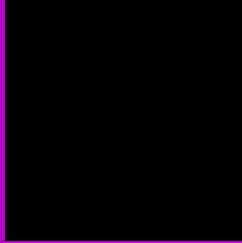
Any Text WCAG AA × Fail

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 B900C7 Background



This preview shows how black text looks on a background with the Hex color B900C7.

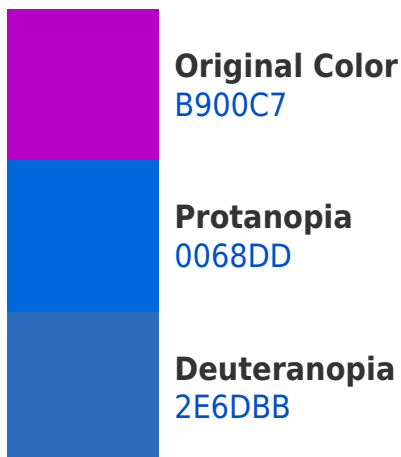



This preview shows how white text looks on a background with the Hex color B900C7.

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
AB4E53

Trichromacy



Original Color
B900C7



Protanomaly
4342D5



Deuteranomaly
6145BF



Tritanomaly
B0327D

Monochromacy



Original Color
B900C7



Achromatopsia
4E4E4E



Achromatomaly
75327A

CSS Examples

Text

The CSS property to change the color of the text to Hex B900C7 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 #B900C7 looks like.

```
.text, #text, p{  
    color:#B900C7  
}
```

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 #B900C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B900C7
}
```

Border

The CSS property to change the border of an element to Hex B900C7 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
#B900C7 }
```

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

```
.border{ border-color:#B900C7 }
```

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

Here you see how a box with a 4 pixel #B900C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B900C7; -webkit-box-shadow:4px 4px  
4px 4px #B900C7; box-shadow:4px 4px 4px  
4px #B900C7 }
```

Background

The CSS property to change the background color of an element to Hex B900C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B900C7 }
```

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

```
.background{ background-color:#B900C7 }
```

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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