

# Converting Colors

Hex(B910BC)

Have a look what the booklet for  
Hex(B910BC) contains.

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**Color**

**Hex(B910BC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B910BC
RGB	185, 16, 188
RGB Percent	73%, 6%, 74%
CMY	0.2745, 0.9373, 0.2627
CMYK	0.02, 0.91, 0.00, 0.26
HSL	299°, 84%, 40%
HSV	299°, 91%, 74%
XYZ	29.2700, 14.3157, 48.7975
YIQ	86.1390, 45.5120, 89.3200

# Conversions

## Conversions Part 2

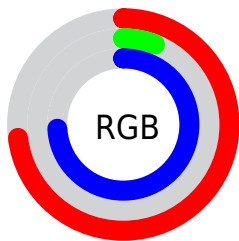
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	185, 16, 188
Decimal	12128444
CIE <sub>Lab</sub>	44.68, 76.09, -48.43
CIE <sub>LCh</sub>	45, 90.191, 327.524
Yxy	14.3157, 0.3168, 0.1550
Android (android.graphics.Color)	4290318524 (0xFFB910BC)
YUV	86.1390, 50.2175, 86.7011
Hunter-Lab	37.8361, 71.8742, -49.9814

# Details

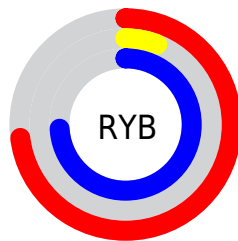
The Hex color **B910BC** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **13BC10**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **F55CF5**, and **7F0086** is the 20% darker color. If you saturate the color by 10%, you get **B900BC**, and if you desaturate by 10%, it is **B923BC**.

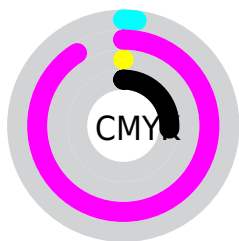
# Distribution



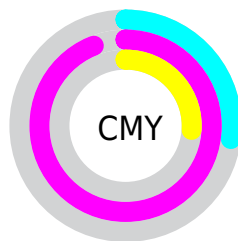
- Red (73%)
- Green (6%)
- Blue (74%)



- Red (73%)
- Yellow (6%)
- Blue (74%)



- Cyan (2%)
- Magenta (91%)
- Yellow (0%)
- Black (26%)



- Cyan (27%)
- Magenta (94%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B910BC 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 B910BC by changing the saturation by 10% instead.



 B910BC

 B910BC

FFFFFF

 9C00A1

 F55CF5

 7F0086

 FF7AFF

 63006C

 FF97FF

 470053

 FFB5FF

 2B003B

 FFD2FF

 000024

 FFF0FF

 00000C

 000000

 B910BC

 B910BC

 B900BC

 B923BC

 BA36BC

 BA48BC

 BA5BBC

 BB6EBC

 BB81BC

 BB94BC

 BCA6BC

 BCB9BC

# Harmonies

## Analogous

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



3858F2



B910BC



E30074

# Triad

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



B910BC



876500



0087AE

# Complementary

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



B910BC



13BC10

# 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.



008661



B910BC



3A7900

# Square

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



B910BC



BE3F00



008200



0084EA

# Rectangle

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



B910BC



E50043



008200



008795



# Sweetspot

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



B910BC



F4B3F5



1016BC



7A537A



FAFAFA



7A7A7A



# Same Dimension

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



B910BC



F100F5



BC106C



5E555E



9B009E



1E001F



# Inverse Universe

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



BC1013



F50004



10BC60



5E5555



9E0003



1F0001



# Previews

## White Background



This preview shows how the Hex color B910BC looks on a white background.

## Color Contrast Check

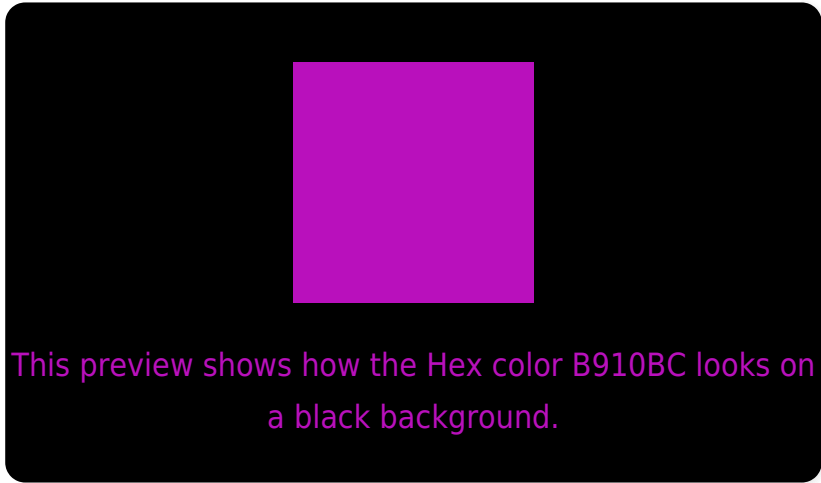
Large Text (above 18pt) WCAG AA ✓ Pass

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

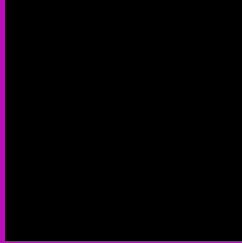
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B910BC Background



This preview shows how black text looks on a background with the Hex color B910BC.

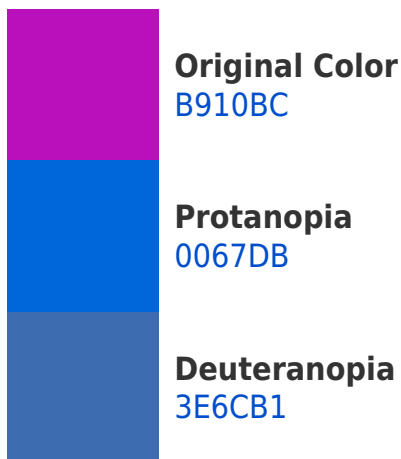


This preview shows how white text looks on a background with the Hex color B910BC.

# 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**  
B910BC



**Protanomaly**  
4347D0



**Deuteranomaly**  
6B4BB5



**Tritanomaly**  
B13677

# Monochromacy



**Original Color**  
B910BC



**Achromatopsia**  
565656



**Achromatomaly**  
7A3D7B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B910BC 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 #B910BC looks like.

```
.text, #text, p{  
    color:#B910BC  
}
```

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 #B910BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B910BC
}
```

## Border

The CSS property to change the border of an element to Hex B910BC is called "border". The border property can be set on classes, ids or directly on the HTML element.

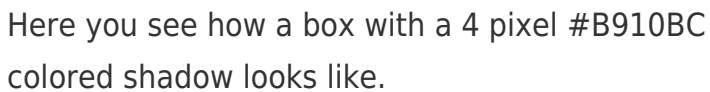
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B910BC }
```

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

```
.border{ border-color:#B910BC }
```

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



Here you see how a box with a 4 pixel #B910BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B910BC; -webkit-box-shadow:4px 4px  
4px 4px #B910BC; box-shadow:4px 4px 4px  
4px #B910BC }
```

# Background

The CSS property to change the background color of an element to Hex B910BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B910BC }
```

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

```
.background{ background-color:#B910BC }
```

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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