

# Converting Colors

Hex(C900B0)

Have a look what the booklet for  
Hex(C900B0) contains.

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**Color**

**Hex(C900B0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C900B0
RGB	201, 0, 176
RGB Percent	79%, 0%, 69%
CMY	0.2118, 1.0000, 0.3098
CMYK	0.00, 1.00, 0.12, 0.21
HSL	307°, 100%, 39%
HSV	307°, 100%, 79%
XYZ	31.9239, 15.5521, 42.3936
YIQ	80.1630, 63.3000, 97.3480

# Conversions

## Conversions Part 2

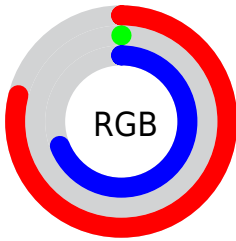
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	201, 0, 176
Decimal	13172912
CIE <sub>Lab</sub>	46.38, 78.67, -38.49
CIE <sub>LCh</sub>	46, 87.584, 333.932
Yxy	15.5521, 0.3552, 0.1731
Android (android.graphics.Color)	4291362992 (0xFFC900B0)
YUV	80.1630, 47.2476, 105.9740
Hunter-Lab	39.4361, 75.4839, -36.1310

# Details

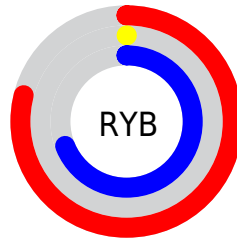
The Hex color **C900B0** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as dark washed rose. A complement of this color would be **00C919**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **FF5BE8**, and **8E007B** is the 20% darker color. If you saturate the color by 10%, you get **C900B0**, and if you desaturate by 10%, it is **C914B3**.

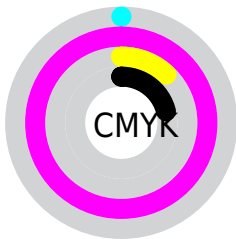
# Distribution



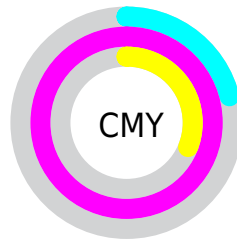
- Red (79%)
- Green (0%)
- Blue (69%)



- Red (79%)
- Yellow (0%)
- Blue (69%)



- Cyan (0%)
- Magenta (100%)
- Yellow (12%)
- Black (21%)



- Cyan (21%)
- Magenta (100%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C900B0 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 C900B0 by changing the saturation by 10% instead.



 C900B0

 C900B0


FFFFFF

 AB0095

 FF5BE8

 8E007B

 FF79FF

 710061

 FF97FF

 550049

 FFB5FF

 3A0032

 FFD3FF

 1A001C

 FFF1FF

 000000

 C900B0

 C914B3

 C928B5

 C93CB8

 C950BA

 C965BD

 C979BF

 C98DC2

 C9A1C4

 C9B5C7

# Harmonies

## Analogous

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



6D54EA



C900B0



E80068

# Triad

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



C900B0



7E6F00



008BBF

# Complementary

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



C900B0



00C919

# 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.



008A76



C900B0



277F00

# Square

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



C900B0



B74F00



008725



0086F4

# Rectangle

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



C900B0



E50038



008725



008BA8



# Sweetspot

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



C900B0



FFB3F5



1700C9



80527A



000000



808080



# Same Dimension

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



C900B0



FF00DF



C9004D



635A62



A3008F



24001F



# Inverse Universe

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



C900B0



FF00DF



00C97C



635A62



A3008F



24001F



# Previews

## White Background



This preview shows how the Hex color C900B0 looks on a white background.

## Color Contrast Check

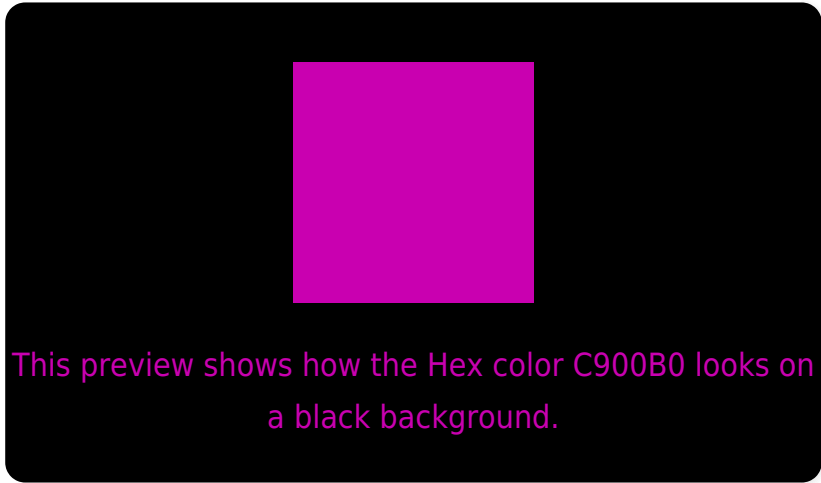
Large Text (above 18pt) WCAG AA ✓ Pass

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 C900B0 Background



This preview shows how black text looks on a background with the Hex color C900B0.

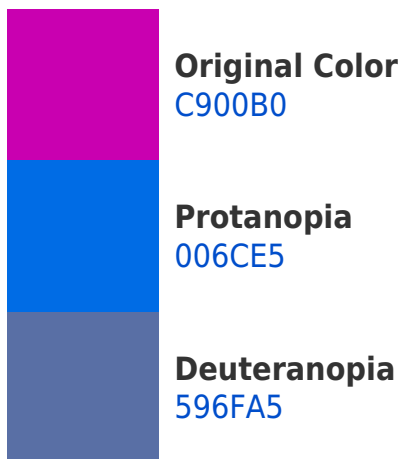


This preview shows how white text looks on a background with the Hex color C900B0.

# 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**  
C04549

# Trichromacy



**Original Color**  
C900B0



**Protanomaly**  
4945D2



**Deuteranomaly**  
8247A9



**Tritanomaly**  
C32C6E

# Monochromacy



**Original Color**  
C900B0



**Achromatopsia**  
505050



**Achromatomaly**  
7C3373

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C900B0 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 #C900B0 looks like.

```
.text, #text, p{  
    color:#C900B0  
}
```

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 #C900B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C900B0
}
```

## Border

The CSS property to change the border of an element to Hex C900B0 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
#C900B0 }
```

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

```
.border{ border-color:#C900B0 }
```

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

Here you see how a box with a 4 pixel #C900B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C900B0; -webkit-box-shadow:4px 4px  
4px 4px #C900B0; box-shadow:4px 4px 4px  
4px #C900B0 }
```

# Background

The CSS property to change the background color of an element to Hex C900B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C900B0 }
```

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

```
.background{ background-color:#C900B0 }
```

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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