

Converting Colors

Hex(C900C2)

Have a look what the booklet for
Hex(C900C2) contains.

Hex(C900C2)	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(C900C2)

Conversions

Conversions Part 1

Format	Color
Hex	C900C2
RGB	201, 0, 194
RGB Percent	79%, 0%, 76%
CMY	0.2118, 1.0000, 0.2392
CMYK	0.00, 1.00, 0.03, 0.21
HSL	302°, 100%, 39%
HSV	302°, 100%, 79%
XYZ	33.8250, 16.3125, 52.4048
YIQ	82.2150, 57.5220, 102.9460

Conversions

Conversions Part 2

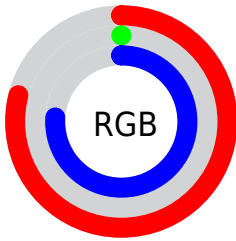
Format	Color
RYB	201, 0, 194
Decimal	13172930
CIELab	47.38, 81.13, -47.46
CIElCh	47, 93.989, 329.674
Yxy	16.3125, 0.3299, 0.1591
Android (android.graphics.Color)	4291363010 (0xFFC900C2)
YUV	82.2150, 55.1100, 104.1744
Hunter-Lab	40.3888, 78.8106, -48.6571

Details

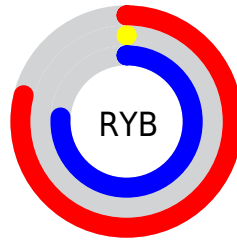
The Hex color **C900C2** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **00C907**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **FF5CFB**, and **8E008C** is the 20% darker color. If you saturate the color by 10%, you get **C900C2**, and if you desaturate by 10%, it is **C914C3**.

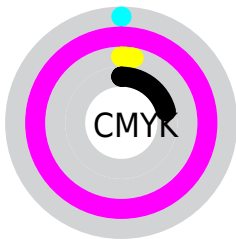
Distribution



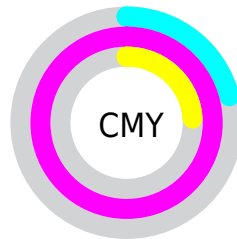
- Red (79%)
- Green (0%)
- Blue (76%)



- Red (79%)
- Yellow (0%)
- Blue (76%)



- Cyan (0%)
- Magenta (100%)
- Yellow (3%)
- Black (21%)



- Cyan (21%)
- Magenta (100%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color C900C2 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 C900C2 by changing the saturation by 10% instead.

 C900C2

 C900C2

FFFFFF

 AB00A6

 FF5CFB

 8E008C

 FF7AFF

 710071

 FF98FF

 550058

 FFB6FF

 3A0040

 FFD4FF

 1B0029

 FFF2FF

 000112

 000000

 C900C2

 C914C3

 C928C3

 C93CC4

 C950C5

 C965C5

 C979C6

 C98DC7

 C9A1C8

 C9B5C8

Harmonies

Analogous

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



515BFD



C900C2



F10075

Triad

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



C900C2



8A6E00



008FBE

Complementary

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



C900C2



00C907

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.



008E6D



C900C2



358100

Square

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



C900C2



C54700



008A0C



008CFB

Rectangle

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



C900C2



F10042



008A0C



008FA4

Sweetspot

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



C900C2



FFB3FC



0700C9



80527E



000000



808080

Same Dimension

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



C900C2



FF00F6



C9005E



635A63



A3009E



240022

Inverse Universe

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



C900C2



FF00F6



00C96B



635A63



A3009E



240022

Previews

White Background



This preview shows how the Hex color C900C2 looks on a white background.

Color Contrast Check

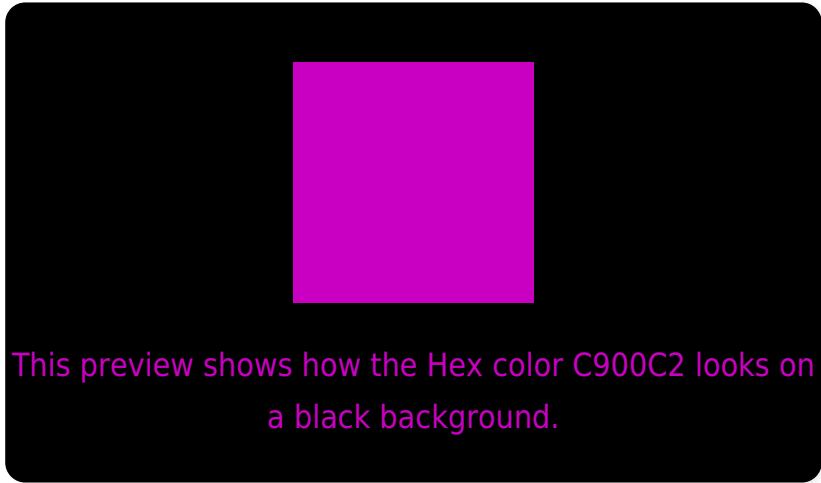
Large Text (above 18pt) WCAG AA ✓ Pass

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

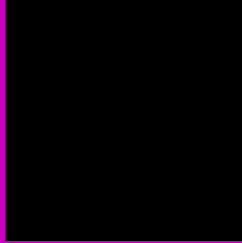
Any Text WCAG AA × Fail

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 C900C2 Background



This preview shows how black text looks on a background with the Hex color C900C2.




This preview shows how white text looks on a background with the Hex color C900C2.

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
BD4C51

Trichromacy



Original Color
C900C2



Protanomaly
4946DB



Deuteranomaly
7949BA



Tritanomaly
C1307A

Monochromacy



Original Color
C900C2



Achromatopsia
525252



Achromatomaly
7D347B

CSS Examples

Text

The CSS property to change the color of the text to Hex C900C2 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 #C900C2 looks like.

```
.text, #text, p{  
    color:#C900C2  
}
```

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 #C900C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C900C2
}
```

Border

The CSS property to change the border of an element to Hex C900C2 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
#C900C2 }
```

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

```
.border{ border-color:#C900C2 }
```

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

Here you see how a box with a 4 pixel #C900C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C900C2; -webkit-box-shadow:4px 4px  
4px 4px #C900C2; box-shadow:4px 4px 4px  
4px #C900C2 }
```

Background

The CSS property to change the background color of an element to Hex C900C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C900C2 }
```

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

```
.background{ background-color:#C900C2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor