

# Converting Colors

Hex(C802C8)

Have a look what the booklet for  
Hex(C802C8) contains.

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**Color**

**Hex(C802C8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C802C8
RGB	200, 2, 200
RGB Percent	78%, 1%, 78%
CMY	0.2157, 0.9922, 0.2157
CMYK	0.00, 0.99, 0.00, 0.22
HSL	300°, 98%, 40%
HSV	300°, 99%, 78%
XYZ	34.2665, 16.4929, 56.0210
YIQ	83.7740, 54.4500, 103.5540

# Conversions

## Conversions Part 2

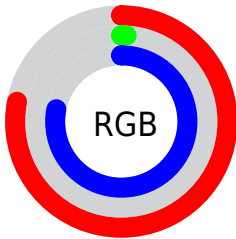
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	200, 2, 200
Decimal	13107912
CIE <sub>Lab</sub>	47.61, 81.66, -50.58
CIE <sub>LCh</sub>	48, 96.056, 328.226
Yxy	16.4929, 0.3209, 0.1545
Android (android.graphics.Color)	4291297992 (0xFFC802C8)
YUV	83.7740, 57.2994, 101.9302
Hunter-Lab	40.6115, 79.5417, -53.3588

# Details

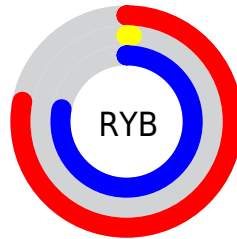
The Hex color **C802C8** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **02C802**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **FF5CFF**, and **8D0091** is the 20% darker color. If you saturate the color by 10%, you get **C800C8**, and if you desaturate by 10%, it is **C816C8**.

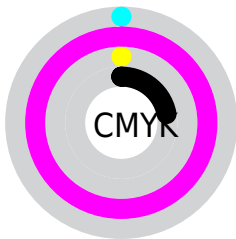
# Distribution



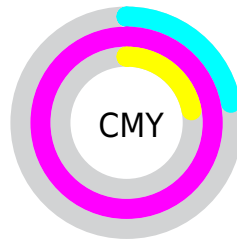
- Red (78%)
- Green (1%)
- Blue (78%)



- Red (78%)
- Yellow (1%)
- Blue (78%)



- Cyan (0%)
- Magenta (99%)
- Yellow (0%)
- Black (22%)



- Cyan (22%)
- Magenta (99%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C802C8 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 C802C8 by changing the saturation by 10% instead.



 C802C8

 C802C8

FFFFFF

 AA00AC

 FF5CF8

 8D0091

 FF7BFF

 700077

 FF99FF

 53005D

 FFB7FF

 390045

 FFD5FF

 19002D

 FFF3FF

 000118

 000000

 C802C8

 C802C8

 C800C8

 C816C8

 C82AC8

 C83EC8

 C852C8

 C866C8

 C87AC8

 C88EC8

 C8A2C8

 C8B6C8

# Harmonies

## Analogous

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



415DFF



C802C8



F3007A

# Triad

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



C802C8



8E6D00



0090BD

# Complementary

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



C802C8



02C802

# 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.



008F6A



C802C8



398100

# Square

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



C802C8



CA4400



008B00



008DFD

# Rectangle

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



C802C8



F50045



008B00



0090A2



# Sweetspot

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



C802C8



FFB3FF



0202C8



805280



000000



808080



# Same Dimension

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



C802C8



FF00FF



C80265



635A63



A300A3



240024



# Inverse Universe

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



C802C8



FF00FF



02C865



635A63



A300A3



240024



# Previews

## White Background



This preview shows how the Hex color C802C8 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

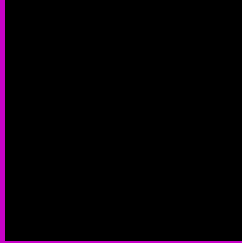
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex C802C8 Background



This preview shows how black text looks on a background with the Hex color C802C8.



This preview shows how white text looks on a background with the Hex color C802C8.

# 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**  
BB4F54

# Trichromacy



**Original Color**  
C802C8



**Protanomaly**  
4947DE



**Deuteranomaly**  
754AC0



**Tritanomaly**  
C0337E

# Monochromacy



**Original Color**  
C802C8



**Achromatopsia**  
545454



**Achromatomaly**  
7E367E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C802C8 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 #C802C8 looks like.

```
.text, #text, p{  
    color:#C802C8  
}
```

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 #C802C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C802C8
}
```

## Border

The CSS property to change the border of an element to Hex C802C8 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
#C802C8 }
```

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

```
.border{ border-color:#C802C8 }
```

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

Here you see how a box with a 4 pixel #C802C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C802C8; -webkit-box-shadow:4px 4px  
4px 4px #C802C8; box-shadow:4px 4px 4px  
4px #C802C8 }
```

# Background

The CSS property to change the background color of an element to Hex C802C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C802C8 }
```

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

```
.background{ background-color:#C802C8 }
```

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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