

# Converting Colors

Hex(C000C4)

Have a look what the booklet for  
Hex(C000C4) contains.

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**Color**

**Hex(C000C4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C000C4
RGB	192, 0, 196
RGB Percent	75%, 0%, 77%
CMY	0.2471, 1.0000, 0.2314
CMYK	0.02, 1.00, 0.00, 0.23
HSL	299°, 100%, 38%
HSV	299°, 100%, 77%
XYZ	31.7020, 15.1920, 53.4860
YIQ	79.7520, 51.5160, 101.6600

# Conversions

## Conversions Part 2

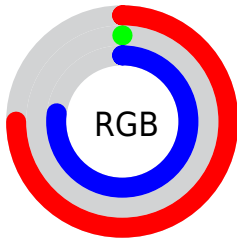
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	192, 0, 196
Decimal	12583108
CIE <sub>Lab</sub>	45.90, 79.96, -51.09
CIE <sub>LCh</sub>	46, 94.887, 327.424
Yxy	15.1920, 0.3158, 0.1513
Android (android.graphics.Color)	4290773188 (0xFFC000C4)
YUV	79.7520, 57.3103, 98.4415
Hunter-Lab	38.9769, 76.9742, -54.0768

# Details

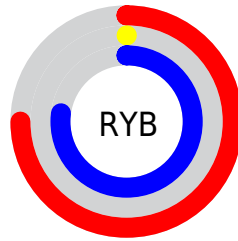
The Hex color **C000C4** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **04C400**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **FC5AFD**, and **85008D** is the 20% darker color. If you saturate the color by 10%, you get **C000C4**, and if you desaturate by 10%, it is **C014C4**.

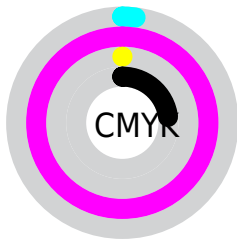
# Distribution



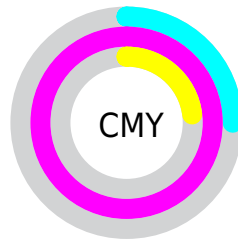
- Red (75%)
- Green (0%)
- Blue (77%)



- Red (75%)
- Yellow (0%)
- Blue (77%)



- Cyan (2%)
- Magenta (100%)
- Yellow (0%)
- Black (23%)



- Cyan (25%)
- Magenta (100%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C000C4 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 C000C4 by changing the saturation by 10% instead.



 C000C4

 C000C4

FFFFFF

 A200A8

 FC5AFD

 85008D

 FF79FF

 690073

 FF96FF

 4C005A

 FFB4FF

 310042

 FFD2FF

 0E002A

 FFF0FF

 000114

 000000

 C000C4

 C014C4

 C127C4

 C13BC4

 C24EC4

 C262C4

 C276C4

 C389C4

 C39DC4

 C4B0C4

# Harmonies

## Analogous

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



325BFD



C000C4



EC0077

# Triad

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



C000C4



8B6800



008BB5

# Complementary

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



C000C4



04C400

# 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.



008A63



C000C4



387C00

# Square

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



C000C4



C53E00



008600



0088F5

# Rectangle

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



C000C4



EE0044



008600



008B9B



# Sweetspot

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



C000C4



FDB3FF



0007C4



7F5280



000000



808080



# Same Dimension

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



C000C4



FA00FF



C40069



615761



9D00A1



200021



# Inverse Universe

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



C40004



FF0005



00C45B



615757



A10003



210001



# Previews

## White Background



This preview shows how the Hex color C000C4 looks on a white background.

## Color Contrast Check

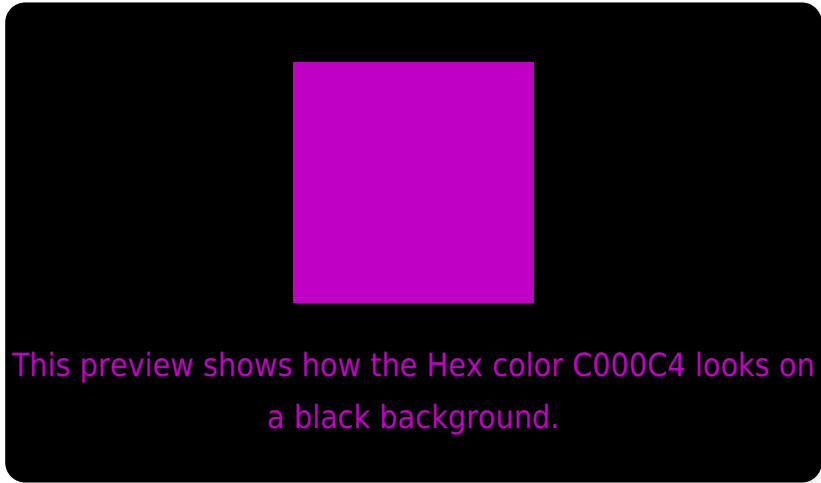
Large Text (above 18pt) WCAG AA ✓ Pass

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

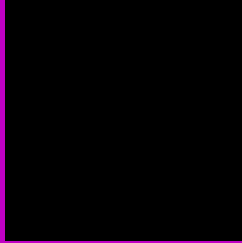
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex C000C4 Background



This preview shows how black text looks on a background with the Hex color C000C4.



This preview shows how white text looks on a background with the Hex color C000C4.

# 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**  
B34D52

# Trichromacy



**Original Color**  
C000C4



**Protanomaly**  
4644D7



**Deuteranomaly**  
6D47BC



**Tritanomaly**  
B8317B

# Monochromacy



**Original Color**  
C000C4



**Achromatopsia**  
505050



**Achromatomaly**  
79337A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C000C4 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 #C000C4 looks like.

```
.text, #text, p{  
    color:#C000C4  
}
```

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 #C000C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C000C4
}
```

## Border

The CSS property to change the border of an element to Hex C000C4 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
#C000C4 }
```

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

```
.border{ border-color:#C000C4 }
```

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

Here you see how a box with a 4 pixel #C000C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C000C4; -webkit-box-shadow:4px 4px  
4px 4px #C000C4; box-shadow:4px 4px 4px  
4px #C000C4 }
```

# Background

The CSS property to change the background color of an element to Hex C000C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C000C4 }
```

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

```
.background{ background-color:#C000C4 }
```

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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