

# Converting Colors

Hex(FC00CF)

Have a look what the booklet for  
Hex(FC00CF) contains.

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**Color**

**Hex(FC00CF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FC00CF
RGB	252, 0, 207
RGB Percent	99%, 0%, 81%
CMY	0.0118, 1.0000, 0.1882
CMYK	0.00, 1.00, 0.18, 0.01
HSL	311°, 100%, 49%
HSV	311°, 100%, 99%
XYZ	51.4074, 25.2004, 61.1862
YIQ	98.9460, 83.7450, 117.8010

# Conversions

## Conversions Part 2

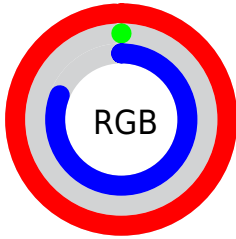
<b>Format</b>	<b>Color</b>
<b>RYB</b>	252, 0, 207
Decimal	16515279
CIELab	57.27, 91.56, -38.71
CIELCh	57, 99.408, 337.080
Yxy	25.2004, 0.3731, 0.1829
Android (android.graphics.Color)	4294705359 (0xFFFC00CF)
YUV	98.9460, 53.2706, 134.2284
Hunter-Lab	50.2000, 94.9429, -37.1254

# Details

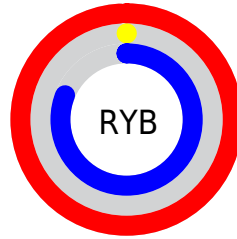
The Hex color **FC00CF** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **00FC2D**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **FF66FF**, and **BE0098** is the 20% darker color. If you saturate the color by 10%, you get **FC00CF**, and if you desaturate by 10%, it is **FC19D3**.

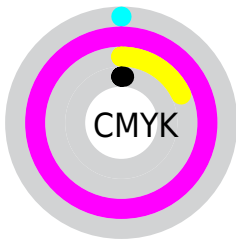
# Distribution



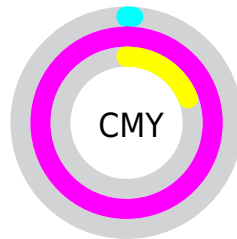
- Red (99%)
- Green (0%)
- Blue (81%)



- Red (99%)
- Yellow (0%)
- Blue (81%)



- Cyan (0%)
- Magenta (100%)
- Yellow (18%)
- Black (1%)



- Cyan (1%)
- Magenta (100%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FC00CF 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 FC00CF by changing the saturation by 10% instead.



 FC00CF

 FC00CF

FFFFFF

 DD00B3

 FF66FF

 BE0098

 FF87FF

 A0007E

 FFA6FF

 820064

 FFC5FF

 64004C

 FFE4FF

 480035

 2A001E

 000000

 FC00CF

 FC19D3

 FC32D8

 FC4CDC

 FC65E1

 FC7EE5

 FC97EA

 FCB0EF

 FCCAF3

 FCE3F8

# Harmonies

## Analogous

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



9B65FF



FC00CF



FF0079

# Triad

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



FC00CF



958D00



00ACF2

# Complementary

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



FC00CF



00FC2D

# 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.



00AC9D



FC00CF



25A000

# Square

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



FC00CF



DB6A00



00A83F



00A5FF

# Rectangle

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



FC00CF



FF0041



00A83F



00ACD7



# Sweetspot

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



FC00CF



FFB3F1



2A00FC



805277



000000



808080



# Same Dimension

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



FC00CF



FF00D1



FC0054



7D707B



BD009B



3D0032



# Inverse Universe

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



FC00CF



FF00D1



00FCA8



7D707B



BD009B



3D0032



# Previews

## White Background



This preview shows how the Hex color FC00CF looks on a white background.

## Color Contrast Check

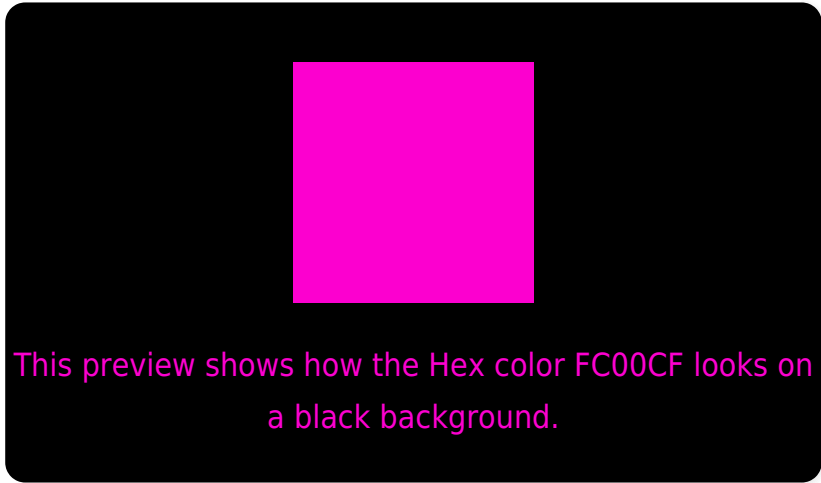
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

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



## Hex FC00CF Background



This preview shows how black text looks on a background with the Hex color FC00CF.



This preview shows how white text looks on a background with the Hex color FC00CF.

# 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**  
FC00CF



**Protanomaly**  
8C56EE



**Deuteranomaly**  
A757C7



**Tritanomaly**  
F63482

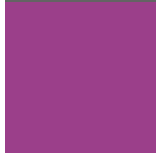
# Monochromacy



**Original Color**  
FC00CF



**Achromatopsia**  
636363



**Achromatomaly**  
9B3F8A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FC00CF 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 #FC00CF looks like.

```
.text, #text, p{  
    color:#FC00CF  
}
```

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 #FC00CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FC00CF
}
```

## Border

The CSS property to change the border of an element to Hex FC00CF 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
#FC00CF }
```

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

```
.border{ border-color:#FC00CF }
```

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

Here you see how a box with a 4 pixel #FC00CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FC00CF; -webkit-box-shadow:4px 4px  
4px 4px #FC00CF; box-shadow:4px 4px 4px  
4px #FC00CF }
```

# Background

The CSS property to change the background color of an element to Hex FC00CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FC00CF }
```

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

```
.background{ background-color:#FC00CF }
```

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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