

# Converting Colors

Hex(FF00BE)

Have a look what the booklet for  
Hex(FF00BE) contains.

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**Color**

**Hex(F00BE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF00BE
RGB	255, 0, 190
RGB Percent	100%, 0%, 75%
CMY	0.0000, 1.0000, 0.2549
CMYK	0.00, 1.00, 0.25, 0.00
HSL	315°, 100%, 50%
HSV	315°, 100%, 100%
XYZ	50.5343, 24.9777, 50.8729
YIQ	97.9050, 90.9900, 113.1500

# Conversions

## Conversions Part 2

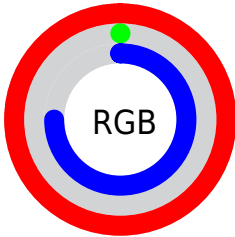
<b>Format</b>	<b>Color</b>
<b>RYB</b>	255, 0, 190
Decimal	16711870
CIELab	57.05, 90.17, -29.24
CIElCh	57, 94.795, 342.035
Yxy	24.9777, 0.3998, 0.1976
Android (android.graphics.Color)	4294901950 (0xFFFF00BE)
YUV	97.9050, 45.4028, 137.7723
Hunter-Lab	49.9777, 93.0268, -25.3676

# Details

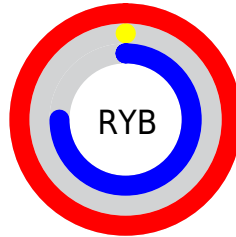
The Hex color **FF00BE** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle saturated rose. A complement of this color would be **00FF41**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **FF66F7**, and **C10088** is the 20% darker color. If you saturate the color by 10%, you get **FF00BE**, and if you desaturate by 10%, it is **FF19C5**.

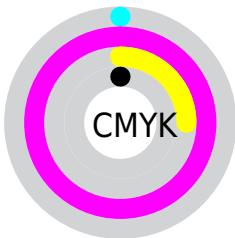
# Distribution



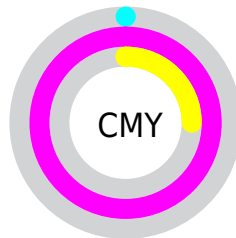
- Red (100%)
- Green (0%)
- Blue (75%)



- Red (100%)
- Yellow (0%)
- Blue (75%)



- Cyan (0%)
- Magenta (100%)
- Yellow (25%)
- Black (0%)



- Cyan (0%)
- Magenta (100%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF00BE 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 FF00BE by changing the saturation by 10% instead.



 FF00BE

 FF00BE

FFFFFF

 E000A3

 FF66F7

 C10088

 FF87FF

 A2006F

 FFA6FF

 840056

 FFC5FF

 66003E

 FFE4FF

 4A0028

 2C0011

 000000

 FF00BE

 FF19C5

 FF33CB

 FF4DD2

 FF66D8

 FF80DF

 FF99E5

 FFB3EC

 FFCCF2

 FFE6F9

# Harmonies

## Analogous

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



B05EFF



FF00BE



FF006C

# Triad

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



FF00BE



889000



00A9F7

# Complementary

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



FF00BE



00FF41

# 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.



00ABA9



FF00BE



00A000

# Square

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



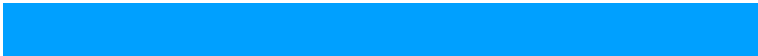
FF00BE



CE7200



00A852



00A0FF

# Rectangle

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



FF00BE



FF2236



00A852



00AAE0



# Sweetspot

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



FF00BE



FFB3EC



4000FF



805274



000000



808080



# Same Dimension

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



FF00BE



FF0040



80737C



BF008F



400030

# Inverse Universe

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



FF00BE



00FFBF



80737C



BF008F



400030

# Previews

## White Background



This preview shows how the Hex color FF00BE looks on a white background.

## Color Contrast Check

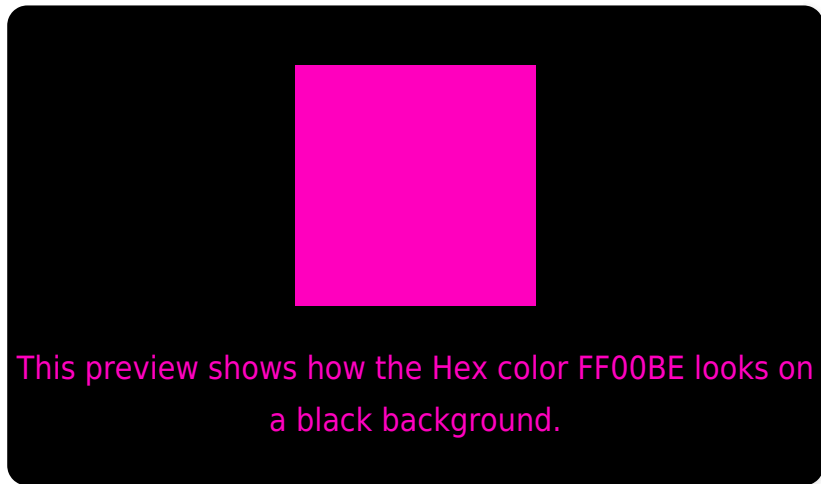
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF00BE Background



This preview shows how black text looks on a background with the Hex color FF00BE.



This preview shows how white text looks on a background with the Hex color FF00BE.

# 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**  
F74B4F

# Trichromacy



**Original Color**  
FF00BE



**Protanomaly**  
8D55E7



**Deuteranomaly**  
B057B6



**Tritanomaly**  
FA3077

# Monochromacy



**Original Color**  
FF00BE



**Achromatopsia**  
626262



**Achromatomaly**  
9B3E83

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF00BE 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 #FF00BE looks like.

```
.text, #text, p{  
    color:#FF00BE  
}
```

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 #FF00BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF00BE
}
```

## Border

The CSS property to change the border of an element to Hex FF00BE 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
#FF00BE }
```

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

```
.border{ border-color:#FF00BE }
```

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

Here you see how a box with a 4 pixel #FF00BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF00BE; -webkit-box-shadow:4px 4px  
4px 4px #FF00BE; box-shadow:4px 4px 4px  
4px #FF00BE }
```

# Background

The CSS property to change the background color of an element to Hex FF00BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF00BE }
```

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

```
.background{ background-color:#FF00BE }
```

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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