

# Converting Colors

Hex(FF0BCB)

Have a look what the booklet for  
Hex(FF0BCB) contains.

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**Color**

**Hex(FF0BCB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF0BCB
RGB	255, 11, 203
RGB Percent	100%, 4%, 80%
CMY	0.0000, 0.9569, 0.2039
CMYK	0.00, 0.96, 0.20, 0.00
HSL	313°, 100%, 52%
HSV	313°, 96%, 100%
XYZ	52.1392, 25.8111, 58.7339
YIQ	105.8440, 83.7920, 111.4400

# Conversions

## Conversions Part 2

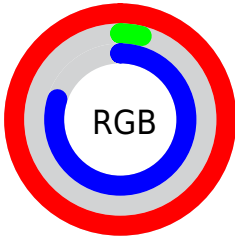
Format	Color
R <sub>Y</sub> B	255, 11, 203
Decimal	16714699
CIE Lab	57.86, 90.95, -35.47
CIE LCh	58, 97.623, 338.697
Yxy	25.8111, 0.3815, 0.1888
Android (android.graphics.Color)	4294904779 (0xFFFF0BCB)
YUV	105.8440, 47.8979, 130.8098
Hunter-Lab	50.8047, 94.2805, -32.9803

# Details

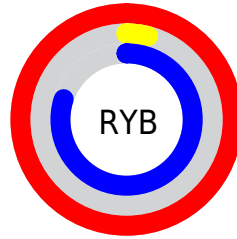
The Hex color **FF0BCB** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **0BFF3F**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **FF69FF**, and **C10094** is the 20% darker color. If you saturate the color by 10%, you get **FF00C9**, and if you desaturate by 10%, it is **FF24D0**.

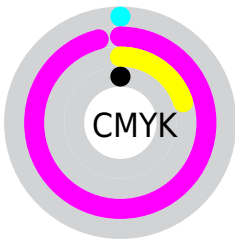
# Distribution



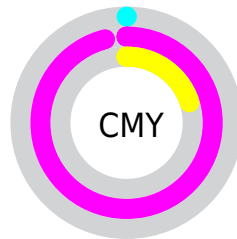
- Red (100%)
- Green (4%)
- Blue (80%)



- Red (100%)
- Yellow (4%)
- Blue (80%)



- Cyan (0%)
- Magenta (96%)
- Yellow (20%)
- Black (0%)



- Cyan (0%)
- Magenta (96%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF0BCB 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 FF0BCB by changing the saturation by 10% instead.



 FF0BCB

 FF0BCB

FFFFFF

 E000AF

 FF69FF

 C10094

 FF89FF

 A3007A

 FFA8FF

 850061

 FFC7FF

 670049

 FFE6FF

 4B0032

 2C001B

 000000

 FF0BCB

 FF0BCB

 FF00C9

 FF24D0

 FF3ED6

 FF58DB

 FF71E1

 FF8BE6

 FFA4EC

 FFBEF1

 FFD7F6

 FFF1FC

# Harmonies

## Analogous

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



A565FF



FF0BCB



FF0077

# Triad

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



FF0BCB



939000



00ADF5

# Complementary

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



FF0BCB



0BFF3F

# 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.



00ADA3



FF0BCB



1FA200

# Square

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



FF0BCB



D96F00



00AA47



00A5FF

# Rectangle

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



FF0BCB



FF053F



00AA47



00AEDC



# Sweetspot

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



FF0BCB



FFB5EF



3C0BFF



805376



000000



808080



# Same Dimension

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



FF0BCB



FF00C9



FF0B54



80737D



BF0096



400032



# Inverse Universe

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



FF0BCB



FF00C9



0BFFB6



80737D



BF0096



400032



# Previews

## White Background



This preview shows how the Hex color FF0BCB looks on a white background.

## Color Contrast Check

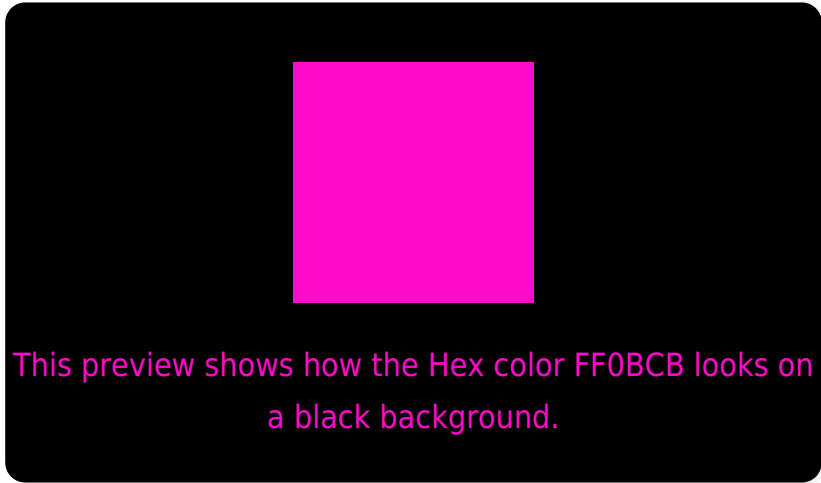
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF0BCB Background



This preview shows how black text looks on a background with the Hex color FF0BCB.



This preview shows how white text looks on a background with the Hex color FF0BCB.

# 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**  
FF0BCB



**Protanomaly**  
8F5BEC



**Deuteranomaly**  
AC5CC3



**Tritanomaly**  
F93780

# Monochromacy



**Original Color**  
FF0BCB



**Achromatopsia**  
6A6A6A



**Achromatomaly**  
A0478D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF0BCB 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 #FF0BCB looks like.

```
.text, #text, p{  
    color:#FF0BCB  
}
```

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 #FF0BCB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF0BCB
}
```

## Border

The CSS property to change the border of an element to Hex FF0BCB 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
#FF0BCB }
```

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

```
.border{ border-color:#FF0BCB }
```

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

Here you see how a box with a 4 pixel #FF0BCB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF0BCB; -webkit-box-shadow:4px 4px  
4px 4px #FF0BCB; box-shadow:4px 4px 4px  
4px #FF0BCB }
```

# Background

The CSS property to change the background color of an element to Hex FF0BCB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF0BCB }
```

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

```
.background{ background-color:#FF0BCB }
```

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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