

Converting Colors

Hex(FF0CB0)

Have a look what the booklet for
Hex(FF0CB0) contains.

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Color

Hex(FE0CB0)

Conversions

Conversions Part 1

Format	Color
Hex	FF0CB0
RGB	255, 12, 176
RGB Percent	100%, 5%, 69%
CMY	0.0000, 0.9529, 0.3098
CMYK	0.00, 0.95, 0.31, 0.00
HSL	320°, 100%, 52%
HSV	320°, 95%, 100%
XYZ	49.2079, 24.6575, 43.2401
YIQ	103.3530, 92.1840, 102.5200

Conversions

Conversions Part 2

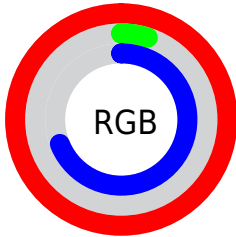
Format	Color
R_{YB}	255, 12, 176
Decimal	16714928
CIE _{Lab}	56.74, 87.95, -21.59
CIE _{LCh}	57, 90.561, 346.206
Yxy	24.6575, 0.4202, 0.2106
Android (android.graphics.Color)	4294905008 (0xFFFF0CB0)
YUV	103.3530, 35.8150, 132.9944
Hunter-Lab	49.6564, 89.9895, -16.8695

Details

The Hex color **FF0CB0** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **0CFF5B**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **FF68E8**, and **C1007B** is the 20% darker color. If you saturate the color by 10%, you get **FF00AC**, and if you desaturate by 10%, it is **FF26B8**.

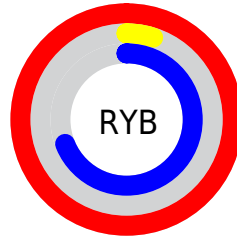
Distribution



Red (100%)

Green (5%)

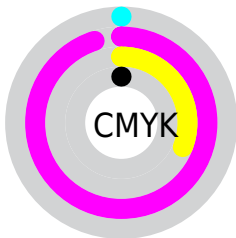
Blue (69%)



Red (100%)

Yellow (5%)

Blue (69%)

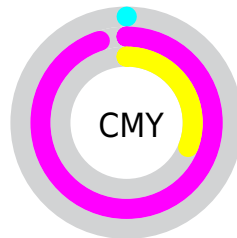


Cyan (0%)

Magenta (95%)

Yellow (31%)

Black (0%)



Cyan (0%)

Magenta (95%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF0CB0 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 FF0CB0 by changing the saturation by 10% instead.

 FF0CB0

 FF0CB0

FFFFFF

 E00095

 FF68E8

 C1007B

 FF88FF

 A20062

 FFA7FF

 84004A

 FFC6FF

 660033

 FFE5FF

 49001E

 2B0001

 000000

 FF0CB0

 FF0CB0

 FF00AC

 FF26B8

 FF3FC1

 FF59C9

 FF72D1

 FF8CD9

 FFA5E2

 FFBFEA

 FFD8F2

 FFF2FB

Harmonies

Analogous

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



BD59F7



FF0CB0



FF0062

Triad

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



FF0CB0



7E9200



00A7FA

Complementary

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



FF0CB0



0CFF5B

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.



00A9B2



FF0CB0



00A000

Square

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



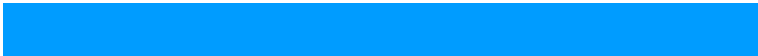
FF0CB0



C37700



00A75F



009CFF

Rectangle

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



FF0CB0



FF382E



00A75F



00A8E4

Sweetspot

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



FF0CB0



FFB5E7



590CFF



805371



000000



808080

Same Dimension

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



FF0CB0



FF00AC



FF0C39



80737B



BF0081



40002B

Inverse Universe

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



FF0CB0



FF00AC



0CFFD2



80737B



BF0081



40002B

Previews

White Background



This preview shows how the Hex color FF0CB0 looks on a white background.

Color Contrast Check

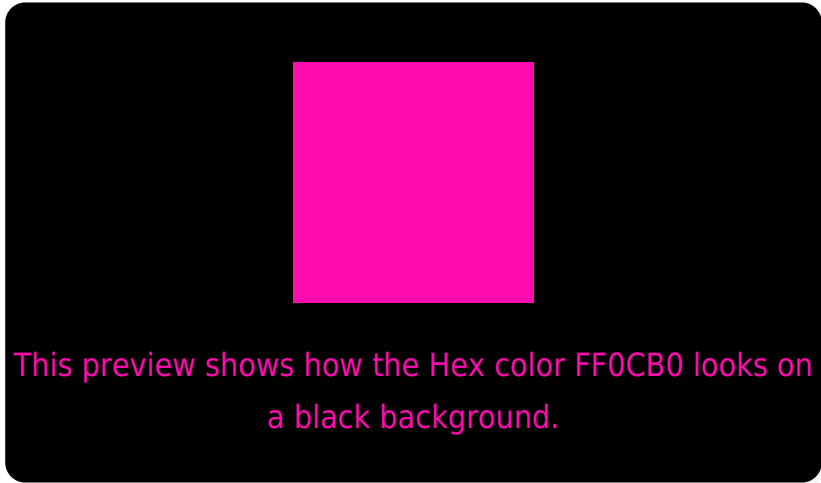
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF0CB0 Background



This preview shows how black text looks on a background with the Hex color FF0CB0.



This preview shows how white text looks on a background with the Hex color FF0CB0.

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
F84649

Trichromacy



Original Color
FF0CB0



Protanomaly
8E59DF



Deuteranomaly
B45AA8



Tritanomaly
FB316E

Monochromacy



Original Color
FF0CB0



Achromatopsia
676767



Achromatomaly
9E4682

CSS Examples

Text

The CSS property to change the color of the text to Hex FF0CB0 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 #FF0CB0 looks like.

```
.text, #text, p{  
  color:#FF0CB0  
}
```

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 #FF0CB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF0CB0
}
```

Border

The CSS property to change the border of an element to Hex FF0CB0 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
#FF0CB0 }
```

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

```
.border{ border-color:#FF0CB0 }
```

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

Here you see how a box with a 4 pixel #FF0CB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF0CB0; -webkit-box-shadow:4px 4px  
4px 4px #FF0CB0; box-shadow:4px 4px 4px  
4px #FF0CB0 }
```

Background

The CSS property to change the background color of an element to Hex FF0CB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF0CB0 }
```

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

```
.background{ background-color:#FF0CB0 }
```

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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