

Converting Colors

Hex(FF0CCD)

Have a look what the booklet for
Hex(FF0CCD) contains.

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Color

Hex(**FF0CCD**)

Conversions

Conversions Part 1

Format	Color
Hex	FF0CCD
RGB	255, 12, 205
RGB Percent	100%, 5%, 80%
CMY	0.0000, 0.9529, 0.1961
CMYK	0.00, 0.95, 0.20, 0.00
HSL	312°, 100%, 52%
HSV	312°, 95%, 100%
XYZ	52.3909, 25.9307, 60.0014
YIQ	106.6590, 82.8750, 111.5390

Conversions

Conversions Part 2

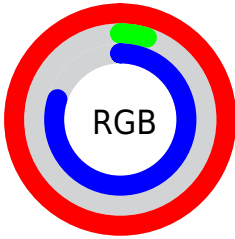
Format	Color
R _{YB}	255, 12, 205
Decimal	16714957
CIE Lab	57.97, 91.12, -36.43
CIE LCh	58, 98.133, 338.207
Yxy	25.9307, 0.3788, 0.1875
Android (android.graphics.Color)	4294905037 (0xFFFF0CCD)
YUV	106.6590, 48.4821, 130.0951
Hunter-Lab	50.9222, 94.5344, -34.2156

Details

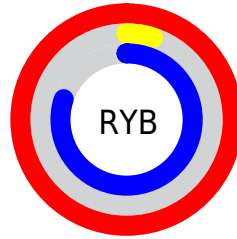
The Hex color **FF0CCD** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **0CFF3E**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **FF69FF**, and **C10096** is the 20% darker color. If you saturate the color by 10%, you get **FF00CB**, and if you desaturate by 10%, it is **FF26D2**.

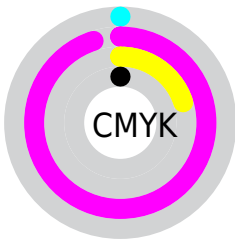
Distribution



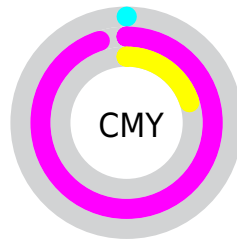
- Red (100%)
- Green (5%)
- Blue (80%)



- Red (100%)
- Yellow (5%)
- Blue (80%)



- Cyan (0%)
- Magenta (95%)
- Yellow (20%)
- Black (0%)



- Cyan (0%)
- Magenta (95%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF0CCD 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 FF0CCD by changing the saturation by 10% instead.

 FF0CCD

 FF0CCD

FFFFFF

 E000B1

 FF69FF

 C10096

 FF89FF

 A3007C

 FFA9FF

 850063

 FFC8FF

 67004A

 FFE7FF

 4B0033

 2D001D

 000000

 FF0CCD

 FF0CCD

 FF00CB

 FF26D2

 FF3FD7

 FF59DD

 FF72E2

 FF8CE7

 FFA5EC

 FFBFF2

 FFD8F7

 FFF2FC

Harmonies

Analogous

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



A366FF



FF0CCD



FF0078

Triad

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



FF0CCD



959000



00ADF5

Complementary

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



FF0CCD



0CFF3E

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.



00AEA2



FF0CCD



23A200

Square

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



FF0CCD



DA6E00



00AA46



00A6FF

Rectangle

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



FF0CCD



FF0041



00AA46



00AEDB

Sweetspot

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



FF0CCD



FFB5F0



3D0CFF



805376



000000



808080

Same Dimension

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



FF0CCD



FF00CB



FF0C55



80737D



BF0098



400033

Inverse Universe

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



FF0CCD



FF00CB



0CFFB6



80737D



BF0098



400033

Previews

White Background



This preview shows how the Hex color FF0CCD looks on a white background.

Color Contrast Check

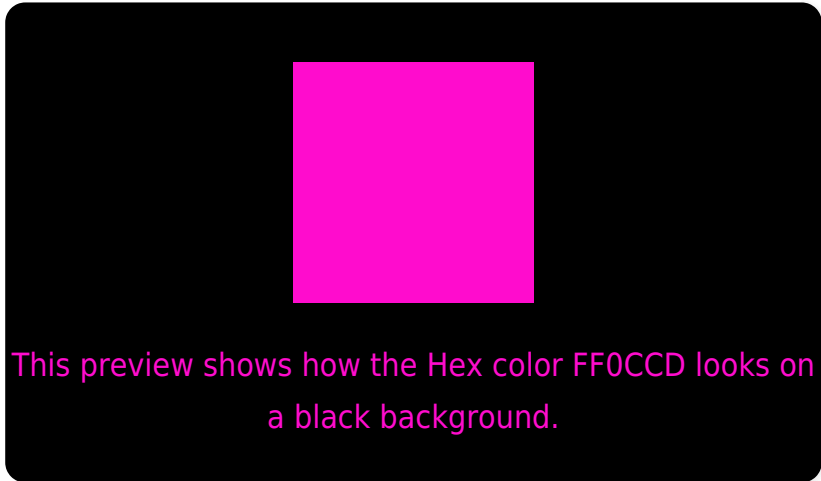
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF0CCD Background



This preview shows how black text looks on a background with the Hex color FF0CCD.

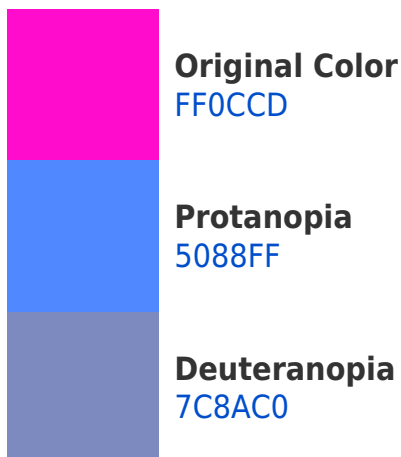


This preview shows how white text looks on a background with the Hex color FF0CCD.

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
FF0CCD



Protanomaly
905BED



Deuteranomaly
AC5CC5



Tritanomaly
F93881

Monochromacy



Original Color
FF0CCD



Achromatopsia
6B6B6B



Achromatomaly
A1488F

CSS Examples

Text

The CSS property to change the color of the text to Hex FF0CCD 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 #FF0CCD looks like.

```
.text, #text, p{  
    color:#FF0CCD  
}
```

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 #FF0CCD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF0CCD
}
```

Border

The CSS property to change the border of an element to Hex FF0CCD 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
#FF0CCD }
```

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

```
.border{ border-color:#FF0CCD }
```

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

Here you see how a box with a 4 pixel #FF0CCD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF0CCD; -webkit-box-shadow:4px 4px  
4px 4px #FF0CCD; box-shadow:4px 4px 4px  
4px #FF0CCD }
```

Background

The CSS property to change the background color of an element to Hex FF0CCD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF0CCD }
```

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

```
.background{ background-color:#FF0CCD }
```

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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