

Converting Colors

Hex(F700BD)

Have a look what the booklet for
Hex(F700BD) contains.

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Color

Hex(F700BD)

Conversions

Conversions Part 1

Format	Color
Hex	F700BD
RGB	247, 0, 189
RGB Percent	97%, 0%, 74%
CMY	0.0314, 1.0000, 0.2588
CMYK	0.00, 1.00, 0.23, 0.03
HSL	314°, 100%, 48%
HSV	314°, 100%, 97%
XYZ	47.5431, 23.4483, 50.1643
YIQ	95.3990, 86.5430, 111.1430

Conversions

Conversions Part 2

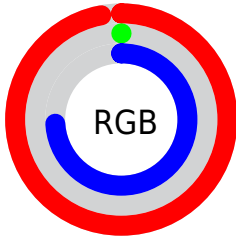
Format	Color
R_{YB}	247, 0, 189
Decimal	16187581
CIE _{Lab}	55.53, 88.58, -31.14
CIE _{LCh}	56, 93.895, 340.632
Yxy	23.4483, 0.3924, 0.1935
Android (android.graphics.Color)	4294377661 (0xFFFF700BD)
YUV	95.3990, 46.1453, 132.9541
Hunter-Lab	48.4234, 90.5139, -27.5251

Details

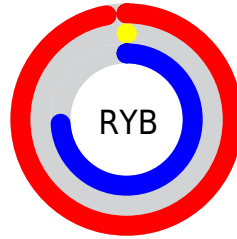
The Hex color **F700BD** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle saturated rose. A complement of this color would be **00F73A**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **FF65F6**, and **B90087** is the 20% darker color. If you saturate the color by 10%, you get **F700BD**, and if you desaturate by 10%, it is **F719C3**.

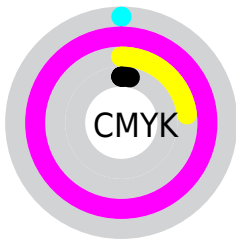
Distribution



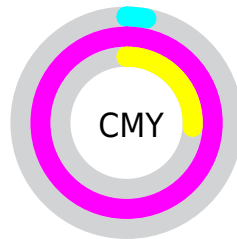
- Red (97%)
- Green (0%)
- Blue (74%)



- Red (97%)
- Yellow (0%)
- Blue (74%)



- Cyan (0%)
- Magenta (100%)
- Yellow (23%)
- Black (3%)



- Cyan (3%)
- Magenta (100%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color F700BD 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 F700BD by changing the saturation by 10% instead.

 F700BD

 F700BD

FFFFFF

 D800A2

 FF65F6

 B90087

 FF85FF

 9B006E

 FFA4FF

 7D0055

 FFC3FF

 60003D

 FFE1FF

 430027

 25000F

 000000

 F700BD

 F719C3

 F731C9

 F74ACE

 F763D4

 F77CDA

 F794E0

 F7ADE6

 F7C6EB

 F7DEF1

Harmonies

Analogous

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



A65DFF



F700BD



FF006C

Triad

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



F700BD



888B00



00A5EF

Complementary

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



F700BD



00F73A

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.



00A6A1



F700BD



079B00

Square

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



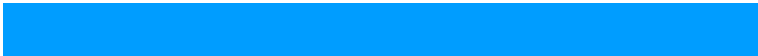
F700BD



CC6D00



00A34A



009DFF

Rectangle

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



F700BD



FF1638



00A34A



00A6D7

Sweetspot

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



F700BD



FFB3ED



3A00F7



805275



000000



808080

Same Dimension

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



F700BD



FF00C3



F70042



7A6E78



BA008E



3B002D

Inverse Universe

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



F700BD



FF00C3



00F7B5



7A6E78



BA008E



3B002D

Previews

White Background



This preview shows how the Hex color F700BD looks on a white background.

Color Contrast Check

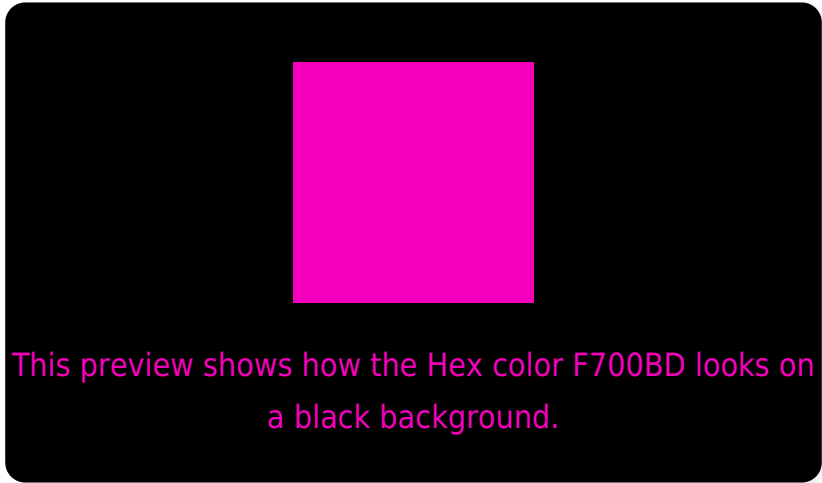
Large Text (above 18pt) WCAG AA ✓ Pass

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 F700BD Background



This preview shows how black text looks on a background with the Hex color F700BD.



This preview shows how white text looks on a background with the Hex color F700BD.

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
EE4A4E

Trichromacy



Original Color
F700BD



Protanomaly
8353E7



Deuteranomaly
A954B5



Tritanomaly
F12F76

Monochromacy



Original Color
F700BD



Achromatopsia
5F5F5F



Achromatomaly
963C81

CSS Examples

Text

The CSS property to change the color of the text to Hex F700BD 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 #F700BD looks like.

```
.text, #text, p{  
    color:#F700BD  
}
```

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 #F700BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F700BD
}
```

Border

The CSS property to change the border of an element to Hex F700BD 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
#F700BD }
```

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

```
.border{ border-color:#F700BD }
```

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

Here you see how a box with a 4 pixel #F700BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F700BD; -webkit-box-shadow:4px 4px  
4px 4px #F700BD; box-shadow:4px 4px 4px  
4px #F700BD }
```

Background

The CSS property to change the background color of an element to Hex F700BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F700BD }
```

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

```
.background{ background-color:#F700BD }
```

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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