

# Converting Colors

Hex(F700BF)

Have a look what the booklet for  
Hex(F700BF) contains.

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**Color**

**Hex(F700BF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F700BF
RGB	247, 0, 191
RGB Percent	97%, 0%, 75%
CMY	0.0314, 1.0000, 0.2510
CMYK	0.00, 1.00, 0.23, 0.03
HSL	314°, 100%, 48%
HSV	314°, 100%, 97%
XYZ	47.7617, 23.5357, 51.3157
YIQ	95.6270, 85.9010, 111.7650

# Conversions

## Conversions Part 2

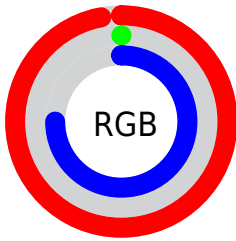
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	247, 0, 191
Decimal	16187583
CIE <sub>Lab</sub>	55.62, 88.81, -32.16
CIE <sub>LCh</sub>	56, 94.449, 340.093
Yxy	23.5357, 0.3895, 0.1920
Android (android.graphics.Color)	4294377663 (0xFFFF700BF)
YUV	95.6270, 47.0189, 132.7541
Hunter-Lab	48.5137, 90.8345, -28.7550

# Details

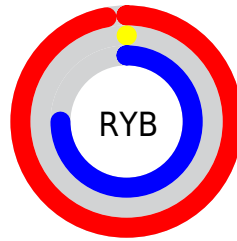
The Hex color **F700BF** is a dark color, and the websafe version is hex **FF00CC**. The color can be described as middle saturated rose. A complement of this color would be **00F738**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **FF65F8**, and **B90089** is the 20% darker color. If you saturate the color by 10%, you get **F700BF**, and if you desaturate by 10%, it is **F719C5**.

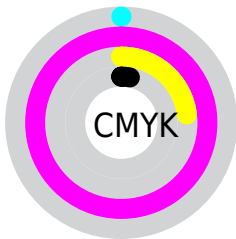
# Distribution



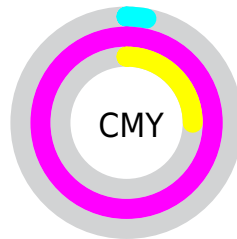
- Red (97%)
- Green (0%)
- Blue (75%)



- Red (97%)
- Yellow (0%)
- Blue (75%)



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



- Cyan (3%)
- Magenta (100%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F700BF 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 F700BF by changing the saturation by 10% instead.



 F700BF

 F700BF

FFFFFF

 D800A4

 FF65F8

 B90089

 FF85FF

 9B006F

 FFA4FF

 7D0057

 FFC3FF

 60003F

 FFE2FF

 430028

 250011

 000000

 F700BF

 F719C5

 F731CA

 F74AD0

 F763D5

 F77CDB

 F794E1

 F7ADE6

 F7C6EC

 F7DEF1

# Harmonies

## Analogous

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



A45EFF



F700BF



FF006E

# Triad

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



F700BF



898B00



00A6EE

# Complementary

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



F700BF



00F738

# 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.



00A6A0



F700BF



0E9B00

# Square

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



F700BF



CD6C00



00A349



009EFF

# Rectangle

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



F700BF



FF1139



00A349



00A6D6



# Sweetspot

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



F700BF



FFB3EE



3600F7



805275



000000



808080



# Same Dimension

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



F700BF



FF00C5



F70046



7A6E78



BA0090



3B002D



# Inverse Universe

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



F700BF



FF00C5



00F7B1



7A6E78



BA0090



3B002D



# Previews

## White Background



This preview shows how the Hex color F700BF looks on a white background.

## Color Contrast Check

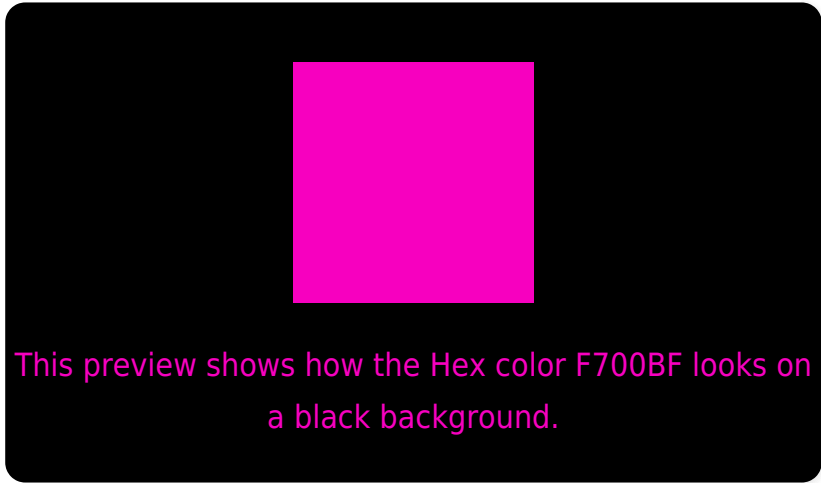
Large Text (above 18pt) WCAG AA ✓ Pass

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 F700BF Background



This preview shows how black text looks on a background with the Hex color F700BF.



This preview shows how white text looks on a background with the Hex color F700BF.

# 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**  
EE4B4F

# Trichromacy



**Original Color**  
F700BF



**Protanomaly**  
8353E8



**Deuteranomaly**  
A854B7



**Tritanomaly**  
F13078

# Monochromacy



**Original Color**  
F700BF



**Achromatopsia**  
606060



**Achromatomaly**  
973D83

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F700BF 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 #F700BF looks like.

```
.text, #text, p{  
    color:#F700BF  
}
```

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 #F700BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F700BF
}
```

## Border

The CSS property to change the border of an element to Hex F700BF 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
#F700BF }
```

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

```
.border{ border-color:#F700BF }
```

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

Here you see how a box with a 4 pixel #F700BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F700BF; -webkit-box-shadow:4px 4px  
4px 4px #F700BF; box-shadow:4px 4px 4px  
4px #F700BF }
```

# Background

The CSS property to change the background color of an element to Hex F700BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F700BF }
```

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

```
.background{ background-color:#F700BF }
```

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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