

Converting Colors

Hex(F700A9)

Have a look what the booklet for
Hex(F700A9) contains.

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Color

Hex(F700A9)

Conversions

Conversions Part 1

Format	Color
Hex	F700A9
RGB	247, 0, 169
RGB Percent	97%, 0%, 66%
CMY	0.0314, 1.0000, 0.3373
CMYK	0.00, 1.00, 0.32, 0.03
HSL	319°, 100%, 48%
HSV	319°, 100%, 97%
XYZ	45.5192, 22.6387, 39.5067
YIQ	93.1190, 92.9630, 104.9230

Conversions

Conversions Part 2

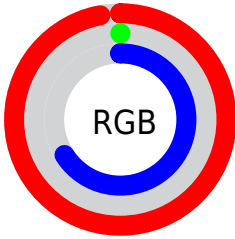
Format	Color
R_{YB}	247, 0, 169
Decimal	16187561
CIE _{Lab}	54.70, 86.46, -20.75
CIE _{LCh}	55, 88.913, 346.501
Yxy	22.6387, 0.4228, 0.2103
Android (android.graphics.Color)	4294377641 (0xFFFF700A9)
YUV	93.1190, 37.4093, 134.9536
Hunter-Lab	47.5802, 87.5028, -15.9235

Details

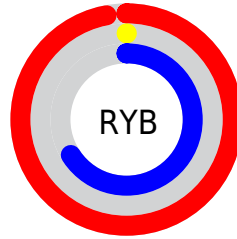
The Hex color **F700A9** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **00F74E**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **FF64E0**, and **B90075** is the 20% darker color. If you saturate the color by 10%, you get **F700A9**, and if you desaturate by 10%, it is **F719B1**.

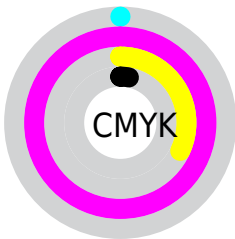
Distribution



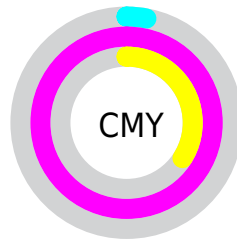
- Red (97%)
- Green (0%)
- Blue (66%)



- Red (97%)
- Yellow (0%)
- Blue (66%)



- Cyan (0%)
- Magenta (100%)
- Yellow (32%)
- Black (3%)



- Cyan (3%)
- Magenta (100%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color F700A9 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 F700A9 by changing the saturation by 10% instead.

 F700A9

 F700A9

FFFFFF

 D8008E

 FF64E0

 B90075

 FF84FD

 9A005C

 FFA3FF

 7C0044

 FFC1FF

 5F002E

 FFE0FF

 410019

 220001

 000000

 F700A9

 F719B1

 F731B9

 F74AC0

 F763C8

 F77CD0

 F794D8

 F7ADE0

 F7C6E7

 F7DEEF

Harmonies

Analogous

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



B754EE



F700A9



FF005D

Triad

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



F700A9



788C00



00A1F2

Complementary

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



F700A9



00F74E

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.



00A3AD



F700A9



009A00

Square

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



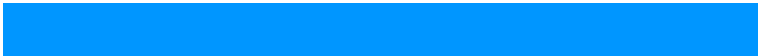
F700A9



BB7300



00A05C



0096FF

Rectangle

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



F700A9



F8342A



00A05C



00A2DE

Sweetspot

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



F700A9



FFB3E7



4A00F7



805271



000000



808080

Same Dimension

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



F700A9



FF00AE



F70031



7A6E77



BA007F



3B0028

Inverse Universe

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



F700A9



FF00AE



00F7C6



7A6E77



BA007F



3B0028

Previews

White Background



This preview shows how the Hex color F700A9 looks on a white background.

Color Contrast Check

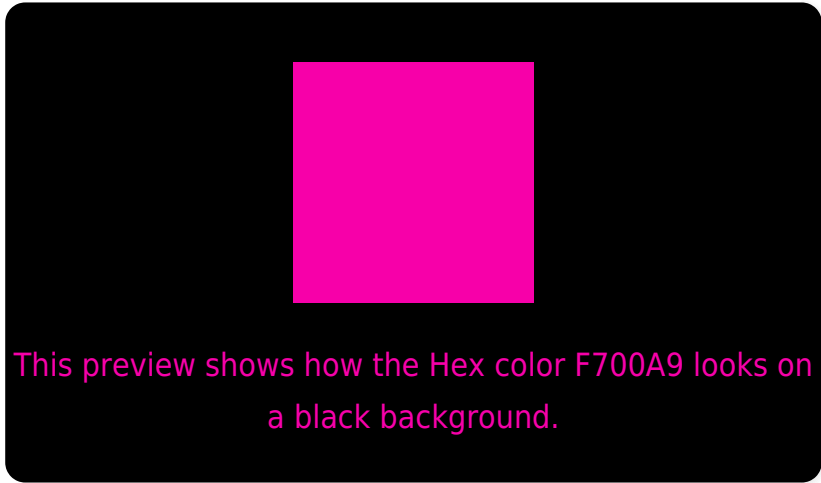
Large Text (above 18pt) WCAG AA ✓ Pass

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 F700A9 Background



This preview shows how black text looks on a background with the Hex color F700A9.



This preview shows how white text looks on a background with the Hex color F700A9.

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
F04346

Trichromacy



Original Color
F700A9



Protanomaly
8B52D7



Deuteranomaly
AE52A2



Tritanomaly
F32B6A

Monochromacy



Original Color
F700A9



Achromatopsia
5D5D5D



Achromatomaly
953B79

CSS Examples

Text

The CSS property to change the color of the text to Hex F700A9 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 #F700A9 looks like.

```
.text, #text, p{  
    color:#F700A9  
}
```

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 #F700A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F700A9
}
```

Border

The CSS property to change the border of an element to Hex F700A9 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
#F700A9 }
```

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

```
.border{ border-color:#F700A9 }
```

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

Here you see how a box with a 4 pixel #F700A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F700A9; -webkit-box-shadow:4px 4px  
4px 4px #F700A9; box-shadow:4px 4px 4px  
4px #F700A9 }
```

Background

The CSS property to change the background color of an element to Hex F700A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F700A9 }
```

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

```
.background{ background-color:#F700A9 }
```

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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