

Converting Colors

Hex(F700A2)

Have a look what the booklet for
Hex(F700A2) contains.

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Color

Hex(F700A2)

Conversions

Conversions Part 1

Format	Color
Hex	F700A2
RGB	247, 0, 162
RGB Percent	97%, 0%, 64%
CMY	0.0314, 1.0000, 0.3647
CMYK	0.00, 1.00, 0.34, 0.03
HSL	321°, 100%, 48%
HSV	321°, 100%, 97%
XYZ	44.8794, 22.3828, 36.1373
YIQ	92.3210, 95.2100, 102.7460

Conversions

Conversions Part 2

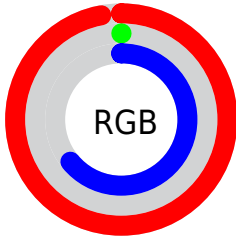
Format	Color
R _Y B	247, 0, 162
Decimal	16187554
CIE Lab	54.43, 85.77, -17.04
CIE LCh	54, 87.444, 348.763
Yxy	22.3828, 0.4340, 0.2165
Android (android.graphics.Color)	4294377634 (0xFFFF700A2)
YUV	92.3210, 34.3517, 135.6535
Hunter-Lab	47.3105, 86.5343, -12.1704

Details

The Hex color **F700A2** 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 **00F755**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **FF63D9**, and **B9006E** is the 20% darker color. If you saturate the color by 10%, you get **F700A2**, and if you desaturate by 10%, it is **F719AA**.

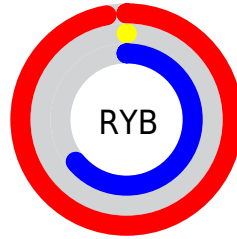
Distribution



Red (97%)

Green (0%)

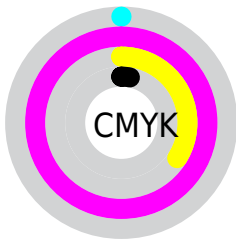
Blue (64%)



Red (97%)

Yellow (0%)

Blue (64%)

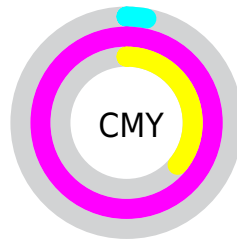


Cyan (0%)

Magenta (100%)

Yellow (34%)

Black (3%)



Cyan (3%)

Magenta (100%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color F700A2 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 F700A2 by changing the saturation by 10% instead.

 F700A2

 F700A2

FFFFFF

 D80088

 FF63D9

 B9006E

 FF83F5

 9A0056

 FFA2FF

 7C003F

 FFC1FF

 5E0029

 FFE0FF

 410013

FFFEFF

 200001

 000000

 F700A2

 F719AA

 F731B3

 F74ABB

 F763C4

 F77CCC

 F794D5

 F7ADDD

 F7C6E6

 F7DEEF

Harmonies

Analogous

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



BD50E7



F700A2



FF0057

Triad

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



F700A2



728D00



009FF4

Complementary

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



F700A2



00F755

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.



00A2B1



F700A2



009A00

Square

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



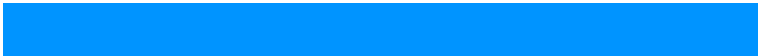
F700A2



B67500



00A062



0094FF

Rectangle

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



F700A2



F43A25



00A062



00A1E0

Sweetspot

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



F700A2



FFB3E5



5200F7



805270



000000



808080

Same Dimension

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



F700A2



FF00A7



F70029



7A6E76



BA007A



3B0026

Inverse Universe

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



F700A2



FF00A7



00F7CE



7A6E76



BA007A



3B0026

Previews

White Background



This preview shows how the Hex color F700A2 looks on a white background.

Color Contrast Check

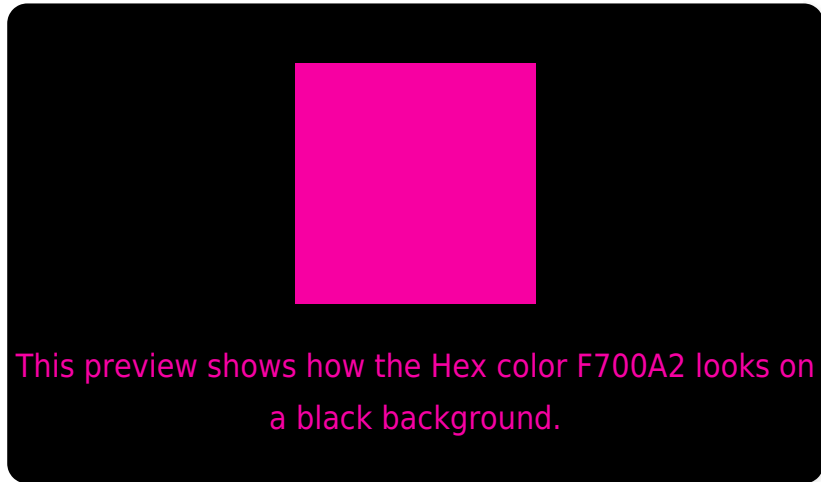
Large Text (above 18pt) WCAG AA ✓ Pass

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 F700A2 Background



This preview shows how black text looks on a background with the Hex color F700A2.



This preview shows how white text looks on a background with the Hex color F700A2.

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
F14042

Trichromacy



Original Color
F700A2



Protanomaly
8F51CF



Deuteranomaly
B0519B



Tritanomaly
F32965

Monochromacy



Original Color
F700A2



Achromatopsia
5C5C5C



Achromatomaly
943B75

CSS Examples

Text

The CSS property to change the color of the text to Hex F700A2 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 #F700A2 looks like.

```
.text, #text, p{  
    color:#F700A2  
}
```

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 #F700A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F700A2
}
```

Border

The CSS property to change the border of an element to Hex F700A2 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
#F700A2 }
```

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

```
.border{ border-color:#F700A2 }
```

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

Here you see how a box with a 4 pixel #F700A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F700A2; -webkit-box-shadow:4px 4px  
4px 4px #F700A2; box-shadow:4px 4px 4px  
4px #F700A2 }
```

Background

The CSS property to change the background color of an element to Hex F700A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F700A2 }
```

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

```
.background{ background-color:#F700A2 }
```

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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