

# Converting Colors

Hex(F700FA)

Have a look what the booklet for  
Hex(F700FA) contains.

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# Color

**Hex(F700FA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F700FA
RGB	247, 0, 250
RGB Percent	97%, 0%, 98%
CMY	0.0314, 1.0000, 0.0196
CMYK	0.01, 1.00, 0.00, 0.02
HSL	299°, 100%, 49%
HSV	299°, 100%, 98%
XYZ	55.6131, 26.6763, 92.6604
YIQ	102.3530, 66.9620, 130.1140

# Conversions

## Conversions Part 2

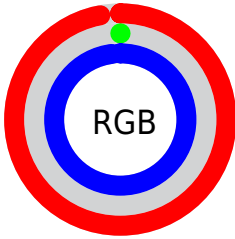
Format	Color
<a href="#">RYB</a>	247, 0, 250
Decimal	16187642
CIELab	58.67, 96.33, -60.78
CIElCh	59, 113.903, 327.749
Yxy	26.6763, 0.3179, 0.1525
Android (android.graphics.Color)	4294377722 (0xFFFF700FA)
YUV	102.3530, 72.7900, 126.8554
Hunter-Lab	51.6491, 101.8137, -70.2141

# Details

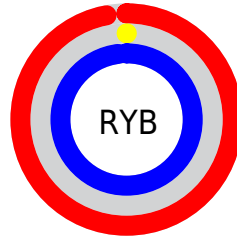
The Hex color **F700FA** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light saturated magenta. A complement of this color would be **03FA00**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **FF68FF**, and **B900C1** is the 20% darker color. If you saturate the color by 10%, you get **F700FA**, and if you desaturate by 10%, it is **F719FA**.

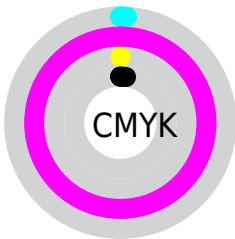
# Distribution



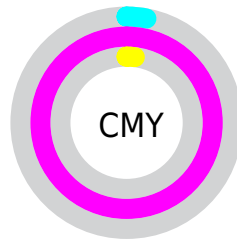
- Red (97%)
- Green (0%)
- Blue (98%)



- Red (97%)
- Yellow (0%)
- Blue (98%)



- Cyan (1%)
- Magenta (100%)
- Yellow (0%)
- Black (2%)



- Cyan (3%)
- Magenta (100%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F700FA 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 F700FA by changing the saturation by 10% instead.



 F700FA

 F700FA

FFFFFF

 D800DD

 FF68FF

 B900C1

 FF89FF

 9B00A5

 FFA8FF

 7D008A

 FFC7FF

 5F006F

 FFE6FF

 430056

 23003E

 000026

 000110

 F700FA

 F719FA

 F832FA

 F84BFA

 F864FA

 F87DFA

 F996FA

 F9AFFA

 F9C8FA

 FAE1FA

# Harmonies

## Analogous

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



4976FF



F700FA



FF0099

# Triad

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



F700FA



B28800



00B4E9

# Complementary

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



F700FA



03FA00

# 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.



00B283



F700FA



4AA100

# Square

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



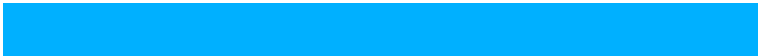
F700FA



FB5400



00AD00



00B0FF

# Rectangle

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



F700FA



FF0059



00AD00



00B3C8



# Sweetspot

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



F700FA



FEB3FF



0004FA



7F5280



000000



808080



# Same Dimension

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



F700FA



FC00FF



FA0081



7D707D



BA00BD



3C003D



# Inverse Universe

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



FA0003



FF0003



00FA79



7D7071



BD0002



3D0001



# Previews

## White Background



This preview shows how the Hex color F700FA looks on a white background.

## Color Contrast Check

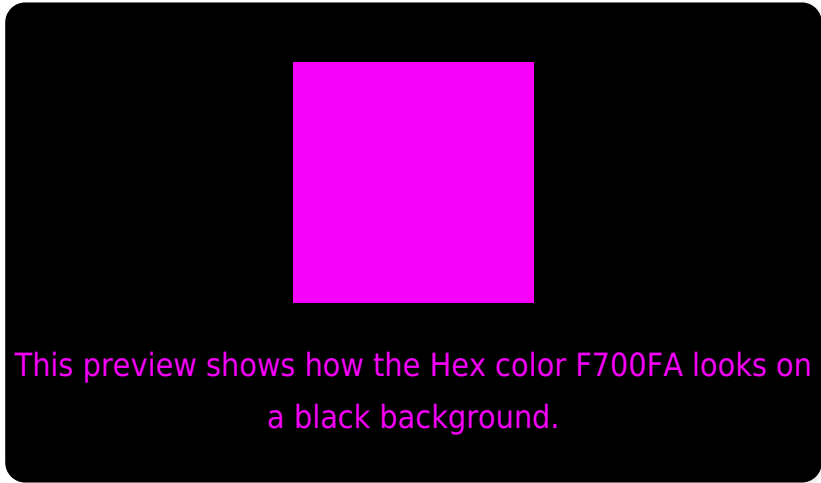
Large Text (above 18pt) WCAG AA ✓ Pass

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 F700FA Background



This preview shows how black text looks on a background with the Hex color F700FA.



This preview shows how white text looks on a background with the Hex color F700FA.

# 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



**Original Color**  
F700FA

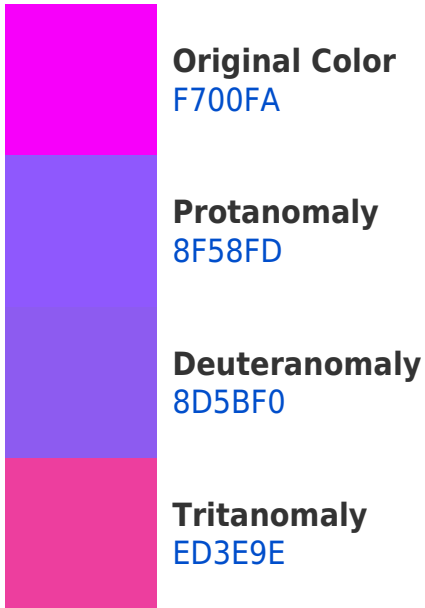
**Protanopia**  
538BFF

**Deuteranopia**  
518FEB



**Tritanopia**  
E76269

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F700FA 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 #F700FA looks like.

```
.text, #text, p{  
    color:#F700FA  
}
```

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 #F700FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F700FA
}
```

## Border

The CSS property to change the border of an element to Hex F700FA 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
#F700FA }
```

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

```
.border{ border-color:#F700FA }
```

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

Here you see how a box with a 4 pixel #F700FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F700FA; -webkit-box-shadow:4px 4px  
4px 4px #F700FA; box-shadow:4px 4px 4px  
4px #F700FA }
```

# Background

The CSS property to change the background color of an element to Hex F700FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F700FA }
```

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

```
.background{ background-color:#F700FA }
```

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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