

Converting Colors

Hex(F700F5)

Have a look what the booklet for
Hex(F700F5) contains.

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Color

Hex(F700F5)

Conversions

Conversions Part 1

Format	Color
Hex	F700F5
RGB	247, 0, 245
RGB Percent	97%, 0%, 96%
CMY	0.0314, 1.0000, 0.0392
CMYK	0.00, 1.00, 0.01, 0.03
HSL	300°, 100%, 48%
HSV	300°, 100%, 97%
XYZ	54.8392, 26.3667, 88.5851
YIQ	101.7830, 68.5670, 128.5590

Conversions

Conversions Part 2

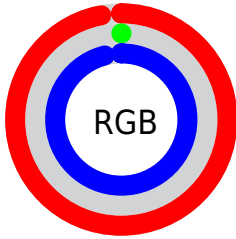
Format	Color
RYB	247, 0, 245
Decimal	16187637
CIELab	58.38, 95.63, -58.46
CIELCh	58, 112.085, 328.562
Yxy	26.3667, 0.3230, 0.1553
Android (android.graphics.Color)	4294377717 (0xFFFF700F5)
YUV	101.7830, 70.6060, 127.3553
Hunter-Lab	51.3485, 100.7744, -66.3415

Details

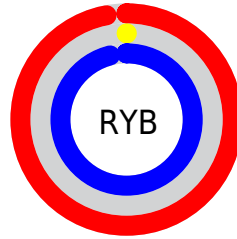
The Hex color **F700F5** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light saturated magenta. A complement of this color would be **00F702**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **FF67FF**, and **BA00BC** is the 20% darker color. If you saturate the color by 10%, you get **F700F5**, and if you desaturate by 10%, it is **F719F5**.

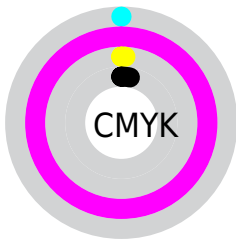
Distribution



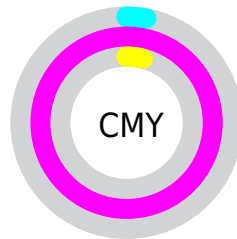
- Red (97%)
- Green (0%)
- Blue (96%)



- Red (97%)
- Yellow (0%)
- Blue (96%)



- Cyan (0%)
- Magenta (100%)
- Yellow (1%)
- Black (3%)



- Cyan (3%)
- Magenta (100%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color F700F5 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 F700F5 by changing the saturation by 10% instead.

 F700F5

 F700F5

FFFFFF

 D800D8

 FF67FF

 BA00BC

 FF88FF

 9B00A0

 FFA8FF

 7D0085

 FFC7FF

 60006B

 FFE6FF

 440052

 24003A

 000023

 00000A

 F700F5

 F719F5

 F731F5

 F74AF6

 F763F6

 F77CF6

 F794F6

 F7ADF6

 F7C6F7

 F7DEF7

Harmonies

Analogous

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



5774FF



F700F5



FF0096

Triad

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



F700F5



AF8800



00B2E9

Complementary

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



F700F5



00F702

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.



00B185



F700F5



47A100

Square

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



F700F5



F85600



00AC00



00AEFF

Rectangle

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



F700F5



FF0056



00AC00



00B2C9

Sweetspot

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



F700F5



FFB3FE



0000F7



80527F



000000



808080

Same Dimension

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



F700F5



FF00FD



F7007C



7A6E7A



BA00B9



3B003A

Inverse Universe

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



F700F5



FF00FD



00F77C



7A6E7A



BA00B9



3B003A

Previews

White Background



This preview shows how the Hex color F700F5 looks on a white background.

Color Contrast Check

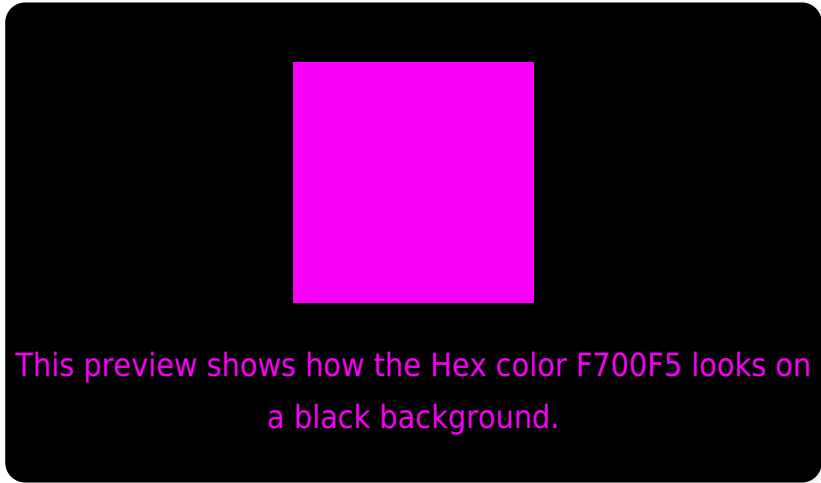
Large Text (above 18pt) WCAG AA ✓ Pass

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

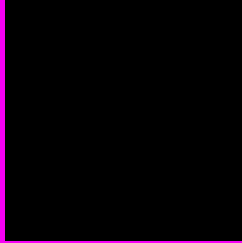
Any Text WCAG AA ✓ Pass

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 F700F5 Background



This preview shows how black text looks on a background with the Hex color F700F5.



This preview shows how white text looks on a background with the Hex color F700F5.

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
F700F5

Protanopia
528AFF

Deuteranopia
578EE6



Tritanopia
E86066

Trichromacy



Original Color
F700F5



Protanomaly
8E58FB



Deuteranomaly
915AEB



Tritanomaly
ED3D9A

Monochromacy



Original Color
F700F5



Achromatopsia
666666



Achromatomaly
9B419A

CSS Examples

Text

The CSS property to change the color of the text to Hex F700F5 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 #F700F5 looks like.

```
.text, #text, p{  
    color:#F700F5  
}
```

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 #F700F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F700F5
}
```

Border

The CSS property to change the border of an element to Hex F700F5 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
#F700F5 }
```

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

```
.border{ border-color:#F700F5 }
```

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

Here you see how a box with a 4 pixel #F700F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F700F5; -webkit-box-shadow:4px 4px  
4px 4px #F700F5; box-shadow:4px 4px 4px  
4px #F700F5 }
```

Background

The CSS property to change the background color of an element to Hex F700F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F700F5 }
```

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

```
.background{ background-color:#F700F5 }
```

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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