

Converting Colors

Hex(F700E5)

Have a look what the booklet for
Hex(F700E5) contains.

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Color

Hex(F700E5)

Conversions

Conversions Part 1

Format	Color
Hex	F700E5
RGB	247, 0, 229
RGB Percent	97%, 0%, 90%
CMY	0.0314, 1.0000, 0.1020
CMYK	0.00, 1.00, 0.07, 0.03
HSL	304°, 100%, 48%
HSV	304°, 100%, 97%
XYZ	52.5006, 25.4313, 76.2704
YIQ	99.9590, 73.7030, 123.5830

Conversions

Conversions Part 2

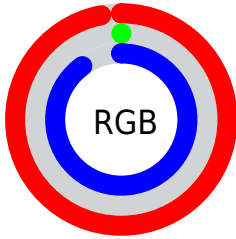
Format	Color
RYB	247, 0, 229
Decimal	16187621
CIELab	57.49, 93.47, -50.91
CIELCh	57, 106.431, 331.424
Yxy	25.4313, 0.3405, 0.1649
Android (android.graphics.Color)	4294377701 (0xFFFF700E5)
YUV	99.9590, 63.6172, 128.9550
Hunter-Lab	50.4295, 97.5796, -54.3706

Details

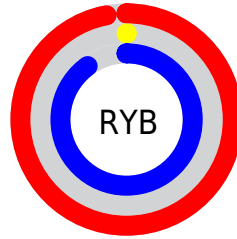
The Hex color **F700E5** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light saturated magenta. A complement of this color would be **00F712**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **FF67FF**, and **BA00AD** is the 20% darker color. If you saturate the color by 10%, you get **F700E5**, and if you desaturate by 10%, it is **F719E7**.

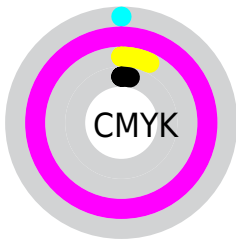
Distribution



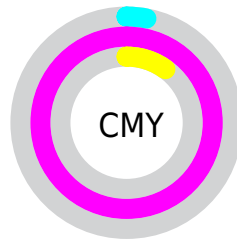
- Red (97%)
- Green (0%)
- Blue (90%)



- Red (97%)
- Yellow (0%)
- Blue (90%)



- Cyan (0%)
- Magenta (100%)
- Yellow (7%)
- Black (3%)



- Cyan (3%)
- Magenta (100%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color F700E5 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 F700E5 by changing the saturation by 10% instead.

 F700E5

 F700E5

FFFFFF

 D800C9

 FF67FF

 BA00AD

 FF87FF

 9B0092

 FFA7FF

 7E0077

 FFC6FF

 60005E

 FFE4FF

 440045

 26002E

 000118

 000000

 F700E5

 F719E7

 F731E9

 F74AEA

 F763EC

 F77CEE

 F794F0

 F7ADF2

 F7C6F3

 F7DEF5

Harmonies

Analogous

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



766EFF



F700E5



FF008A

Triad

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



F700E5



A48900



00AFE4

Complementary

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



F700E5



00F712

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.



00AE8C



F700E5



3C9F00

Square

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



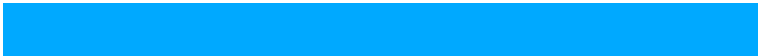
F700E5



EB5E00



00A921



00A9FF

Rectangle

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



F700E5



FF004E



00A921



00AFCC

Sweetspot

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



F700E5



FFB3F9



1000F7



80527C



000000



808080

Same Dimension

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



F700E5



FF00EC



F7006B



7A6E7A



BA00AD



3B0036

Inverse Universe

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



F700E5



FF00EC



00F78C



7A6E7A



BA00AD



3B0036

Previews

White Background



This preview shows how the Hex color F700E5 looks on a white background.

Color Contrast Check

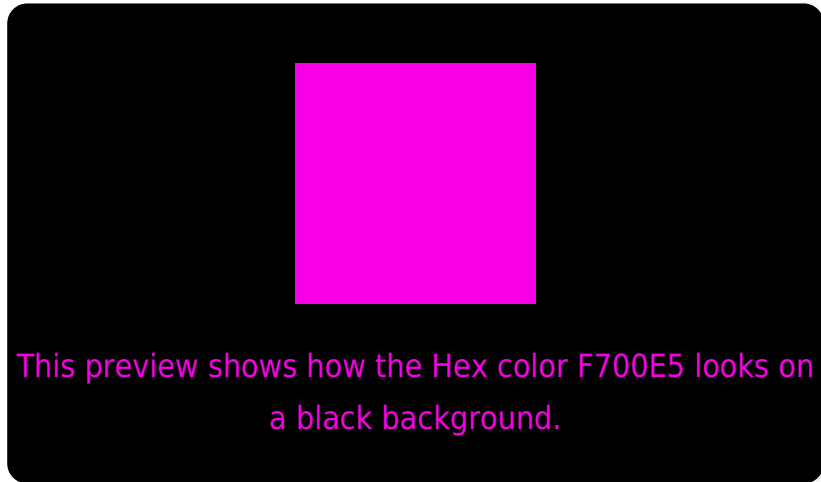
Large Text (above 18pt) WCAG AA ✓ Pass

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 F700E5 Background



This preview shows how black text looks on a background with the Hex color F700E5.



This preview shows how white text looks on a background with the Hex color F700E5.

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



Trichromacy



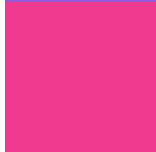
Original Color
F700E5



Protanomaly
8B57F6



Deuteranomaly
9958DC



Tritanomaly
EF3990

Monochromacy



Original Color
F700E5



Achromatopsia
646464



Achromatomaly
994093

CSS Examples

Text

The CSS property to change the color of the text to Hex F700E5 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 #F700E5 looks like.

```
.text, #text, p{  
    color:#F700E5  
}
```

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 #F700E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F700E5
}
```

Border

The CSS property to change the border of an element to Hex F700E5 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
#F700E5 }
```

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

```
.border{ border-color:#F700E5 }
```

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

Here you see how a box with a 4 pixel #F700E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F700E5; -webkit-box-shadow:4px 4px  
4px 4px #F700E5; box-shadow:4px 4px 4px  
4px #F700E5 }
```

Background

The CSS property to change the background color of an element to Hex F700E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F700E5 }
```

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

```
.background{ background-color:#F700E5 }
```

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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