

Converting Colors

Hex(FF05E7)

Have a look what the booklet for
Hex(FF05E7) contains.

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Color

Hex(F05E7)

Conversions

Conversions Part 1

Format	Color
Hex	FF05E7
RGB	255, 5, 231
RGB Percent	100%, 2%, 91%
CMY	0.0000, 0.9804, 0.0941
CMYK	0.00, 0.98, 0.09, 0.00
HSL	306°, 100%, 51%
HSV	306°, 98%, 100%
XYZ	55.7181, 27.1381, 77.9028
YIQ	105.5140, 76.4540, 123.2860

Conversions

Conversions Part 2

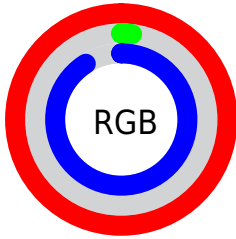
Format	Color
RYB	255, 5, 231
Decimal	16713191
CIELab	59.10, 94.75, -49.39
CIElCh	59, 106.849, 332.466
Yxy	27.1381, 0.3466, 0.1688
Android (android.graphics.Color)	4294903271 (0xFFFF05E7)
YUV	105.5140, 61.8646, 131.0992
Hunter-Lab	52.0942, 99.7523, -52.1976

Details

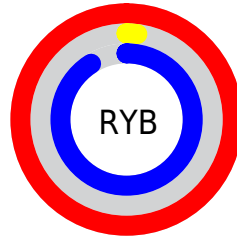
The Hex color **FF05E7** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light saturated magenta. A complement of this color would be **05FF1D**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **FF69FF**, and **C100AF** is the 20% darker color. If you saturate the color by 10%, you get **FF00E7**, and if you desaturate by 10%, it is **FF1FE9**.

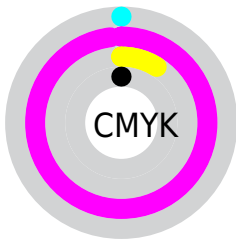
Distribution



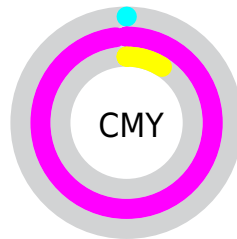
- Red (100%)
- Green (2%)
- Blue (91%)



- Red (100%)
- Yellow (2%)
- Blue (91%)



- Cyan (0%)
- Magenta (98%)
- Yellow (9%)
- Black (0%)



- Cyan (0%)
- Magenta (98%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF05E7 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 FF05E7 by changing the saturation by 10% instead.

 FF05E7

 FF05E7

FFFFFF

 E000CA

 FF69FF

 C100AF

 FF8AFF

 A30094

 FFA9FF

 850079


 FFC9FF

 670060

 FFE8FF

 4C0047

 2D0030

 000019

 000000

 FF05E7

 FF05E7

 FF00E7

 FF1FE9

 FF38EC

 FF52EE

 FF6BF1

 FF85F3

 FF9EF6

 FFB8F8

 FFD1FB

 FFEBCD

Harmonies

Analogous

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



8370FF



FF05E7



FF008B

Triad

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



FF05E7



A68E00



00B3F2

Complementary

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



FF05E7



05FF1D

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.



00B294



FF05E7



3BA400

Square

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



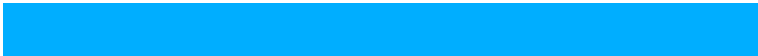
FF05E7



EF6400



00AE2A



00AEFF

Rectangle

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



FF05E7



FF004E



00AE2A



00B3D4

Sweetspot

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



FF05E7



FFB5F8



1A05FF



80537B



000000



808080

Same Dimension

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



FF05E7



FF00E7



FF056D



80737E



BF00AD



40003A

Inverse Universe

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



FF05E7



FF00E7



05FF97



80737E



BF00AD



40003A

Previews

White Background



This preview shows how the Hex color FF05E7 looks on a white background.

Color Contrast Check

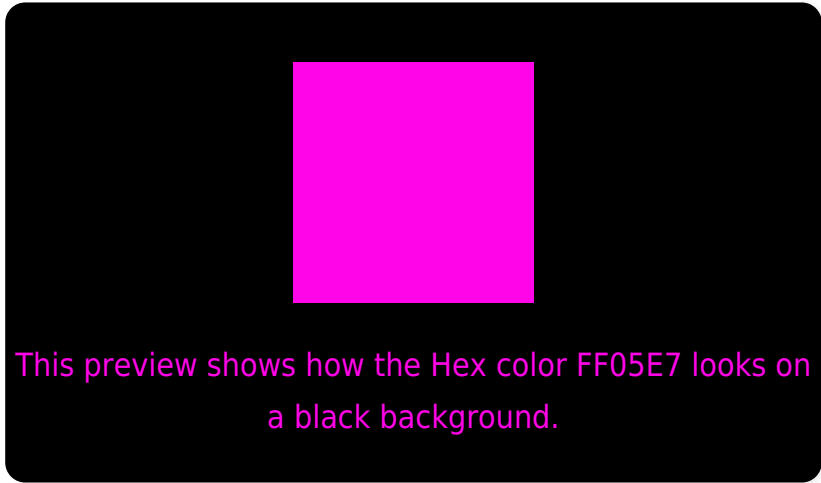
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF05E7 Background



This preview shows how black text looks on a background with the Hex color FF05E7.

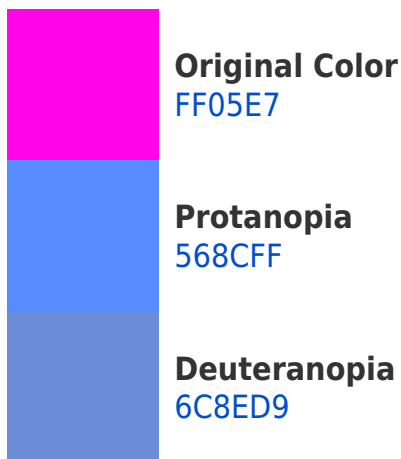


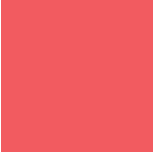
This preview shows how white text looks on a background with the Hex color FF05E7.

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



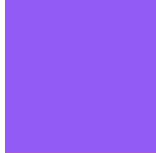


Tritanopia
F25B60

Trichromacy



Original Color
FF05E7



Protanomaly
935BF6



Deuteranomaly
A15CDE



Tritanomaly
F73C91

Monochromacy



Original Color
FF05E7



Achromatopsia
6A6A6A



Achromatomaly
A04597

CSS Examples

Text

The CSS property to change the color of the text to Hex FF05E7 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 #FF05E7 looks like.

```
.text, #text, p{  
    color:#FF05E7  
}
```

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 #FF05E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF05E7
}
```

Border

The CSS property to change the border of an element to Hex FF05E7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

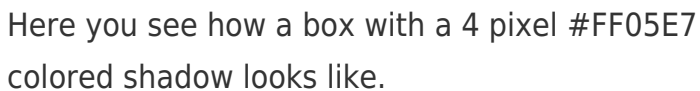
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FF05E7 }
```

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

```
.border{ border-color:#FF05E7 }
```

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



Here you see how a box with a 4 pixel #FF05E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF05E7; -webkit-box-shadow:4px 4px  
4px 4px #FF05E7; box-shadow:4px 4px 4px  
4px #FF05E7 }
```

Background

The CSS property to change the background color of an element to Hex FF05E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF05E7 }
```

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

```
.background{ background-color:#FF05E7 }
```

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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