

# Converting Colors

Hex(F405EA)

Have a look what the booklet for  
Hex(F405EA) contains.

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# Color

**Hex(F405EA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F405EA
RGB	244, 5, 234
RGB Percent	96%, 2%, 92%
CMY	0.0431, 0.9804, 0.0824
CMYK	0.00, 0.98, 0.04, 0.04
HSL	303°, 96%, 49%
HSV	303°, 98%, 96%
XYZ	52.2138, 25.2822, 79.9699
YIQ	102.5670, 68.9350, 121.8870

# Conversions

## Conversions Part 2

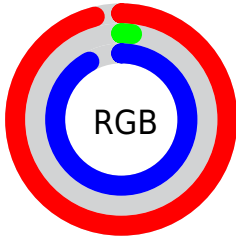
<b>Format</b>	<b>Color</b>
<b>RYB</b>	244, 5, 234
Decimal	15992298
CIELab	57.35, 93.34, -53.98
CIElCh	57, 107.825, 329.956
Yxy	25.2822, 0.3316, 0.1606
Android (android.graphics.Color)	4294182378 (0xFFFF405EA)
YUV	102.5670, 64.7965, 124.0367
Hunter-Lab	50.2814, 97.3678, -59.1007

# Details

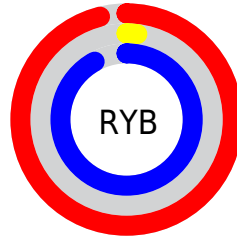
The Hex color **F405EA** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light saturated magenta. A complement of this color would be **05F40F**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **FF67FF**, and **B700B1** is the 20% darker color. If you saturate the color by 10%, you get **F400EA**, and if you desaturate by 10%, it is **F41DEB**.

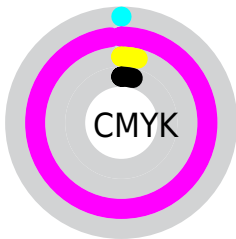
# Distribution



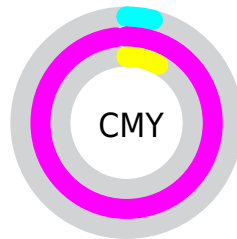
- Red (96%)
- Green (2%)
- Blue (92%)



- Red (96%)
- Yellow (2%)
- Blue (92%)



- Cyan (0%)
- Magenta (98%)
- Yellow (4%)
- Black (4%)



- Cyan (4%)
- Magenta (98%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F405EA 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 F405EA by changing the saturation by 10% instead.



 F405EA

 F405EA

FFFFFF

 D500CD

 FF67FF

 B700B1

 FF88FF

 990096

 FFA7FF

 7B007C

 FFC6FF

 5D0062

 FFE5FF

 410049

 220031

 00011B

 000000

 F405EA

 F405EA

 F400EA

 F41DEB

 F436EC

 F44EED

 F467EE

 F47FEF

 F497F0

 F4B0F1

 F4C8F2

 F4E1F3

# Harmonies

## Analogous

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



6870FF



F405EA



FF008E

# Triad

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



F405EA



A88700



00AEE7

# Complementary

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



F405EA



05F40F

# 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.



00AD87



F405EA



429E00

# Square

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



F405EA



EE5900



00A916



00AAFF

# Rectangle

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



F405EA



FF0051



00A916



00AEC8



# Sweetspot

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



F405EA



FFB5FC



0D05F4



80537E



000000



808080



# Same Dimension

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



F405EA



FF00F4



F40575



7A6E7A



BA00B2



3B0038



# Inverse Universe

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



F405EA



FF00F4



05F484



7A6E7A



BA00B2



3B0038



# Previews

## White Background



This preview shows how the Hex color F405EA looks on a white background.

## Color Contrast Check

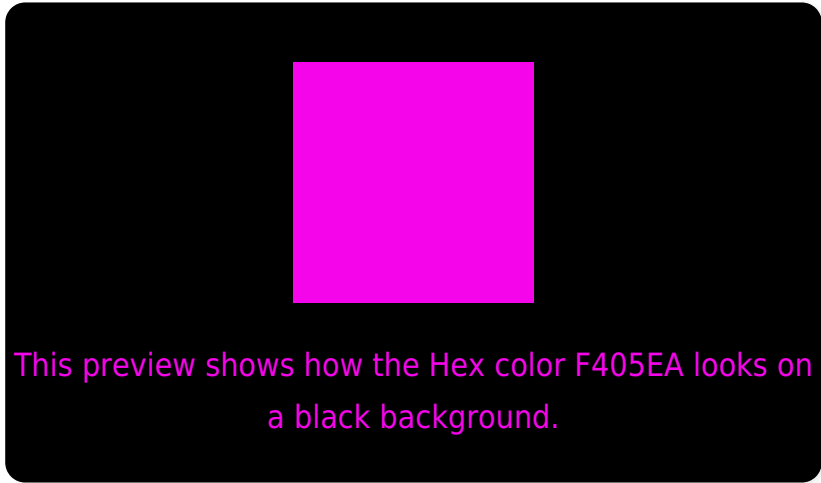
Large Text (above 18pt) WCAG AA ✓ Pass

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 F405EA Background



This preview shows how black text looks on a background with the Hex color F405EA.

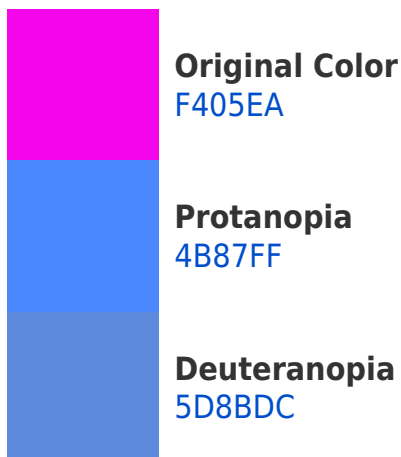


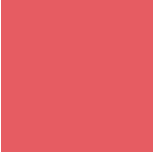
This preview shows how white text looks on a background with the Hex color F405EA.

# 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**  
E65C62

# Trichromacy



**Original Color**  
F405EA



**Protanomaly**  
8858F7



**Deuteranomaly**  
945AE1



**Tritanomaly**  
EB3C93

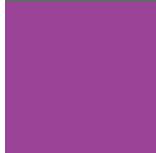
# Monochromacy



**Original Color**  
F405EA



**Achromatopsia**  
676767



**Achromatomaly**  
9A4397

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F405EA 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 #F405EA looks like.

```
.text, #text, p{  
    color:#F405EA  
}
```

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 #F405EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F405EA
}
```

## Border

The CSS property to change the border of an element to Hex F405EA 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
#F405EA }
```

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

```
.border{ border-color:#F405EA }
```

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

Here you see how a box with a 4 pixel #F405EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F405EA; -webkit-box-shadow:4px 4px  
4px 4px #F405EA; box-shadow:4px 4px 4px  
4px #F405EA }
```

# Background

The CSS property to change the background color of an element to Hex F405EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F405EA }
```

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

```
.background{ background-color:#F405EA }
```

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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