

# Converting Colors

Hex(F35BEE)

Have a look what the booklet for  
Hex(F35BEE) contains.

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# Color

**Hex(F35BEE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F35BEE
RGB	243, 91, 238
RGB Percent	95%, 36%, 93%
CMY	0.0471, 0.6431, 0.0667
CMYK	0.00, 0.63, 0.02, 0.05
HSL	302°, 86%, 65%
HSV	302°, 63%, 95%
XYZ	56.1359, 32.7099, 84.2439
YIQ	153.2060, 43.4050, 77.9410

# Conversions

## Conversions Part 2

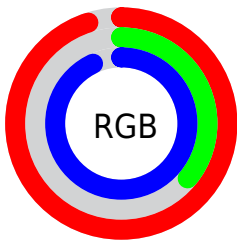
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	243, 91, 238
Decimal	15948782
CIE Lab	63.93, 75.00, -45.80
CIE LCh	64, 87.881, 328.586
Yxy	32.7099, 0.3243, 0.1890
Android (android.graphics.Color)	4294138862 (0xFFFF35BEE)
YUV	153.2060, 41.8034, 78.7493
Hunter-Lab	57.1926, 75.1149, -47.2986

# Details

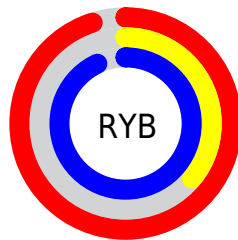
The Hex color **F35BEE** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **5BF360**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FF96FF**, and **B70EB5** is the 20% darker color. If you saturate the color by 10%, you get **F343ED**, and if you desaturate by 10%, it is **F373EF**.

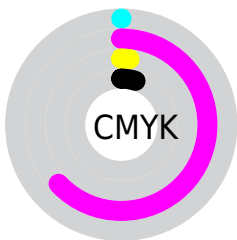
# Distribution



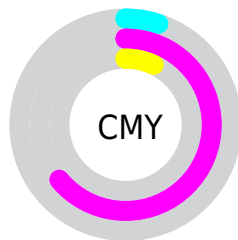
- Red (95%)
- Green (36%)
- Blue (93%)



- Red (95%)
- Yellow (36%)
- Blue (93%)



- Cyan (0%)
- Magenta (63%)
- Yellow (2%)
- Black (5%)



- Cyan (5%)
- Magenta (64%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F35BEE 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 F35BEE by changing the saturation by 10% instead.



 F35BEE

 F35BEE

FFFFFF

 D53BD1

 FF96FF

 B70EB5

 FFB3FF

 9A009A

 FFD1FF

 7D0080

 FFEFFF

 610066

 46004D

 2A0036

 00001F

 000002

 F35BEE

 F35BEE

 F343ED

 F373EF

 F32AEC

 F38CF0

 F312EC

 F3A4F0

 F300EB

 F3BCF1

 F3D4F2

 F3EDF3

 F3FFF4

 F3FFF5

# Harmonies

## Analogous

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



8887FF



F35BEE



FF33A2

# Triad

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



F35BEE



BE9700



00BCE4

# Complementary

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



F35BEE



5BF360

# 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.



00BC95



F35BEE



71AC00

# Square

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



F35BEE



F97500



00B741



00B7FF

# Rectangle

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



F35BEE



FF3B6E



00B741



00BDCB



# Sweetspot

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



F35BEE



FFCFFD



5E5BF3



80627F



000000



808080



# Same Dimension

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



F35BEE



FF40F9



F35BA4



7A6E7A



BA00B4



3B0039



# Inverse Universe

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



F35BEE



FF40F9



5BF3AA



7A6E7A



BA00B4



3B0039



# Previews

## White Background



This preview shows how the Hex color F35BEE looks on a white background.

## Color Contrast Check

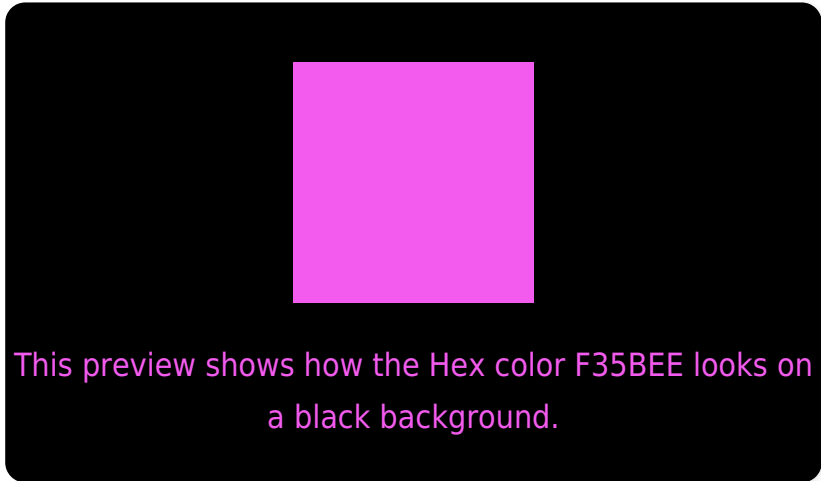
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex F35BEE Background



This preview shows how black text looks on a background with the Hex color F35BEE.

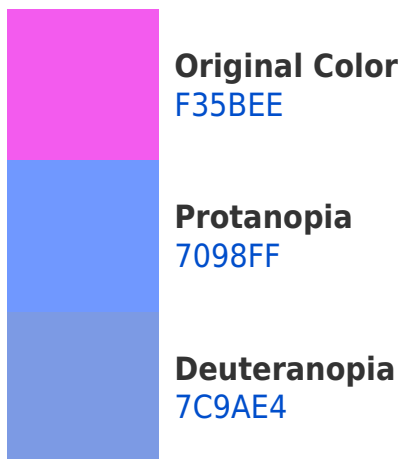



This preview shows how white text looks on a background with the Hex color F35BEE.

# 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**  
E77A83

# Trichromacy



**Original Color**  
F35BEE



**Protanomaly**  
A082F9



**Deuteranomaly**  
A783E8



**Tritanomaly**  
EB6FAA

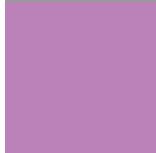
# Monochromacy



**Original Color**  
F35BEE



**Achromatopsia**  
999999



**Achromatomaly**  
BA82B8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F35BEE 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 #F35BEE looks like.

```
.text, #text, p{  
    color:#F35BEE  
}
```

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 #F35BEE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F35BEE
}
```

## Border

The CSS property to change the border of an element to Hex F35BEE 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
#F35BEE }
```

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

```
.border{ border-color:#F35BEE }
```

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

Here you see how a box with a 4 pixel #F35BEE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F35BEE; -webkit-box-shadow:4px 4px  
4px 4px #F35BEE; box-shadow:4px 4px 4px  
4px #F35BEE }
```

# Background

The CSS property to change the background color of an element to Hex F35BEE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F35BEE }
```

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

```
.background{ background-color:#F35BEE }
```

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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