

# Converting Colors

Hex(F34FCF)

Have a look what the booklet for  
Hex(F34FCF) contains.

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**Color**

**Hex(F34FCF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F34FCF
RGB	243, 79, 207
RGB Percent	95%, 31%, 81%
CMY	0.0471, 0.6902, 0.1882
CMYK	0.00, 0.67, 0.15, 0.05
HSL	313°, 87%, 63%
HSV	313°, 67%, 95%
XYZ	51.0206, 29.1516, 61.9692
YIQ	142.6280, 56.6560, 74.5760

# Conversions

## Conversions Part 2

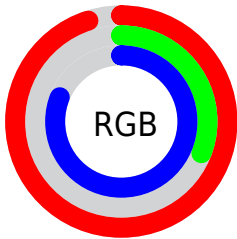
Format	Color
R <sub>Y</sub> B	243, 79, 207
Decimal	15945679
CIE Lab	60.92, 74.82, -33.13
CIE LCh	61, 81.831, 336.117
Yxy	29.1516, 0.3589, 0.2051
Android (android.graphics.Color)	4294135759 (0xFFFF34FCF)
YUV	142.6280, 31.7354, 88.0262
Hunter-Lab	53.9923, 74.1892, -30.2551

# Details

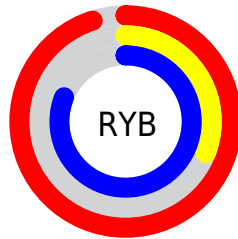
The Hex color **F34FCF** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **4FF373**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FF8BFF**, and **B70098** is the 20% darker color. If you saturate the color by 10%, you get **F337CA**, and if you desaturate by 10%, it is **F367D4**.

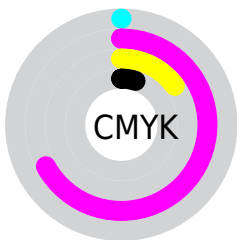
# Distribution



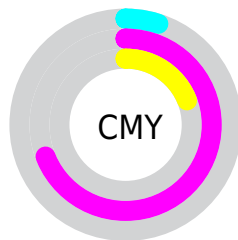
- Red (95%)
- Green (31%)
- Blue (81%)



- Red (95%)
- Yellow (31%)
- Blue (81%)



- Cyan (0%)
- Magenta (67%)
- Yellow (15%)
- Black (5%)



- Cyan (5%)
- Magenta (69%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F34FCF 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 F34FCF by changing the saturation by 10% instead.



 F34FCF

 F34FCF

FFFFFF

 D52CB3

 FF8BFF

 B70098

 FFA9FF

 9A007E

 FFC6FF

 7D0065

 FFE4FF

 60004C

 460035

 29001F

 000001

 000000

 F34FCF

 F34FCF

 F337CA

 F367D4

 F31EC4

 F380DA

 F306BF

 F398DF

 F300BE

 F3B0E4

 F3C9EA

 F3E1EF

 F3F9F4

 F3FFFA

 F3FFFF

# Harmonies

## Analogous

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



A478FF



F34FCF



FF3887

# Triad

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



F34FCF



A49500



00B2E7

# Complementary

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



F34FCF



4FF373

# 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.



00B2A0



F34FCF



56A600

# Square

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



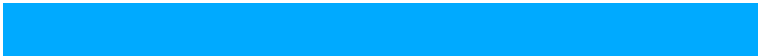
F34FCF



DE7900



00AF54



00AAFF

# Rectangle

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



F34FCF



FF4758



00AF54



00B2D1



# Sweetspot

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



F34FCF



FFCCF4



734FF3



806179



000000



808080



# Same Dimension

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



F34FCF



FF30D2



F34F7D



7A6E78



BA0091



3B002E



# Inverse Universe

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



F34FCF



FF30D2



4FF3C5



7A6E78



BA0091

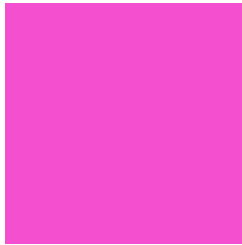


3B002E



# Previews

## White Background



This preview shows how the Hex color F34FCF looks on a white background.

## Color Contrast Check

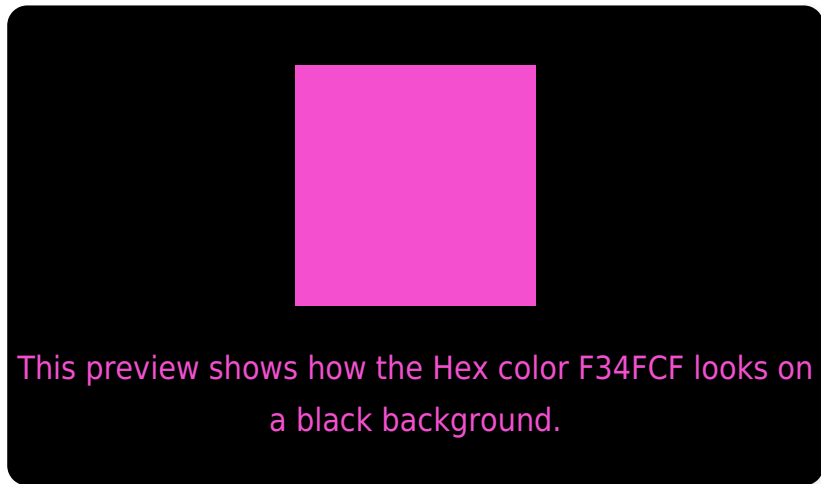
Large Text (above 18pt) WCAG AA ✓ Pass

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 F34FCF Background



This preview shows how black text looks on a background with the Hex color F34FCF.




This preview shows how white text looks on a background with the Hex color F34FCF.

# 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](#).

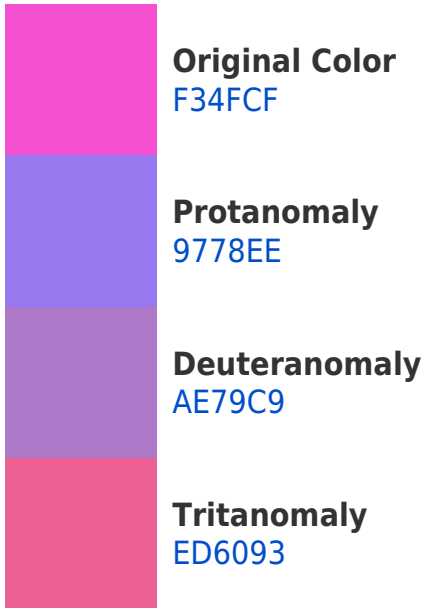
## Dichromacy





**Tritanopia**  
EA6A71

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F34FCF 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 #F34FCF looks like.

```
.text, #text, p{  
  color:#F34FCF  
}
```

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 #F34FCF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F34FCF
}
```

## Border

The CSS property to change the border of an element to Hex F34FCF 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
#F34FCF }
```

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

```
.border{ border-color:#F34FCF }
```

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

Here you see how a box with a 4 pixel #F34FCF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F34FCF; -webkit-box-shadow:4px 4px  
4px 4px #F34FCF; box-shadow:4px 4px 4px  
4px #F34FCF }
```

# Background

The CSS property to change the background color of an element to Hex F34FCF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F34FCF }
```

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

```
.background{ background-color:#F34FCF }
```

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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