

# Converting Colors

Hex(FC47ED)

Have a look what the booklet for  
Hex(FC47ED) contains.

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# Color

**Hex(FC47ED)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FC47ED
RGB	252, 71, 237
RGB Percent	99%, 28%, 93%
CMY	0.0118, 0.7216, 0.0706
CMYK	0.00, 0.72, 0.06, 0.01
HSL	305°, 97%, 63%
HSV	305°, 72%, 99%
XYZ	57.6842, 31.3163, 83.1251
YIQ	144.0430, 54.5900, 89.9980

# Conversions

## Conversions Part 2

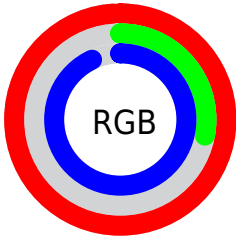
Format	Color
<a href="#">RYB</a>	<a href="#">252, 71, 237</a>
Decimal	<a href="#">16533485</a>
CIELab	<a href="#">62.77, 83.78, -46.97</a>
CIELCh	<a href="#">63, 96.054, 330.723</a>
Yxy	<a href="#">31.3163, 0.3351, 0.1819</a>
Android (android.graphics.Color)	<a href="#">4294723565 (0xFFFC47ED)</a>
YUV	<a href="#">144.0430, 45.8278, 94.6783</a>
Hunter-Lab	<a href="#">55.9610, 86.0647, -48.8973</a>

# Details

The Hex color **FC47ED** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light washed magenta. A complement of this color would be **47FC56**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FF87FF**, and **BF00B4** is the 20% darker color. If you saturate the color by 10%, you get **FC2EEB**, and if you desaturate by 10%, it is **FC60EF**.

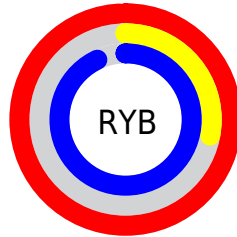
# Distribution



Red (99%)

Green (28%)

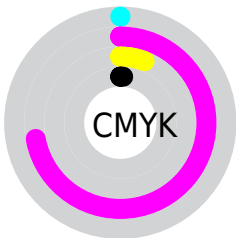
Blue (93%)



Red (99%)

Yellow (28%)

Blue (93%)

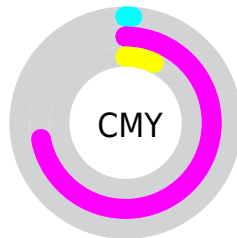


Cyan (0%)

Magenta (72%)

Yellow (6%)

Black (1%)



Cyan (1%)

Magenta (72%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FC47ED 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 FC47ED by changing the saturation by 10% instead.



 FC47ED

 FC47ED

FFFFFF

 DD1CD0

 FF87FF

 BF00B4

 FFA5FF

 A20099

 FFC3FF

 84007F

 FFE1FF

 670065

 4C004C

 2F0035

 05001E

 000000

 FC47ED

 FC47ED

 FC2EEB

 FC60EF

 FC15E9

 FC79F1

 FC00E7

 FC93F3

 FCACF5

 FCC5F7

 FCDEFA

 FCF7FC

 FCFFFE

 FCFFFF

# Harmonies

## Analogous

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



8B7FFF



FC47ED



FF009A

# Triad

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



FC47ED



B69500



00BBEE

# Complementary

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



FC47ED



47FC56

# 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.



00BB98



FC47ED



5EAB00

# Square

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



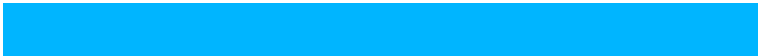
FC47ED



F77000



00B63B



00B5FF

# Rectangle

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



FC47ED



FF1A62



00B63B



00BCD2



# Sweetspot

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



FC47ED



FFC7FA



5347FC



805E7D



000000



808080



# Same Dimension

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



FC47ED



FF24ED



FC4795



7D707C



BD00AD



3D0038



# Inverse Universe

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



FC47ED



FF24ED



47FCAE



7D707C



BD00AD



3D0038



# Previews

## White Background



This preview shows how the Hex color FC47ED looks on a white background.

## Color Contrast Check

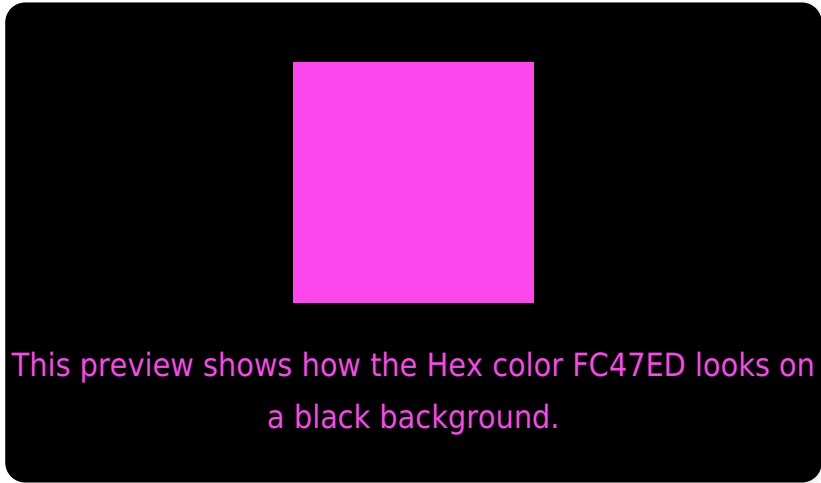
Large Text (above 18pt) WCAG AA × Fail

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 FC47ED Background



This preview shows how black text looks on a background with the Hex color FC47ED.

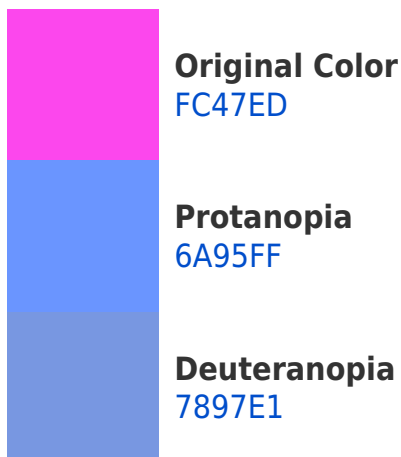


This preview shows how white text looks on a background with the Hex color FC47ED.

# 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**  
EF6F76

# Trichromacy



**Original Color**  
FC47ED



**Protanomaly**  
9F79F8



**Deuteranomaly**  
A87AE5



**Tritanomaly**  
F460A1

# Monochromacy



**Original Color**  
FC47ED



**Achromatopsia**  
909090



**Achromatomaly**  
B775B2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FC47ED 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 #FC47ED looks like.

```
.text, #text, p{  
    color:#FC47ED  
}
```

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 #FC47ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FC47ED
}
```

## Border

The CSS property to change the border of an element to Hex FC47ED 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
#FC47ED }
```

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

```
.border{ border-color:#FC47ED }
```

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

Here you see how a box with a 4 pixel #FC47ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FC47ED; -webkit-box-shadow:4px 4px  
4px 4px #FC47ED; box-shadow:4px 4px 4px  
4px #FC47ED }
```

# Background

The CSS property to change the background color of an element to Hex FC47ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FC47ED }
```

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

```
.background{ background-color:#FC47ED }
```

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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