

# Converting Colors

Hex(FF3FED)

Have a look what the booklet for  
Hex(FF3FED) contains.

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**Color**

**Hex(FF3FED)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF3FED
RGB	255, 63, 237
RGB Percent	100%, 25%, 93%
CMY	0.0000, 0.7529, 0.0706
CMYK	0.00, 0.75, 0.07, 0.00
HSL	306°, 100%, 62%
HSV	306°, 75%, 100%
XYZ	58.3036, 30.9294, 83.0178
YIQ	140.2440, 58.5780, 94.8180

# Conversions

## Conversions Part 2

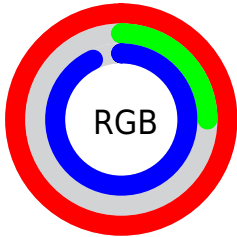
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 63, 237
Decimal	16728045
CIE Lab	62.45, 86.70, -47.46
CIE LCh	62, 98.837, 331.305
Yxy	30.9294, 0.3385, 0.1796
Android (android.graphics.Color)	4294918125 (0xFFFF3FED)
YUV	140.2440, 47.7007, 100.6410
Hunter-Lab	55.6142, 89.8068, -49.5748

# Details

The Hex color **FF3FED** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **3FFF51**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FF81FF**, and **C200B4** is the 20% darker color. If you saturate the color by 10%, you get **FF25EB**, and if you desaturate by 10%, it is **FF59EF**.

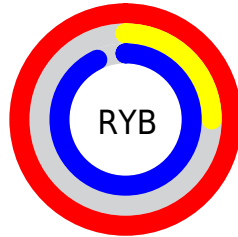
# Distribution



Red (100%)

Green (25%)

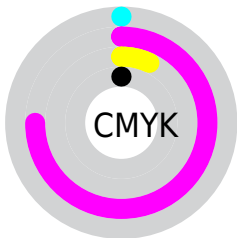
Blue (93%)



Red (100%)

Yellow (25%)

Blue (93%)

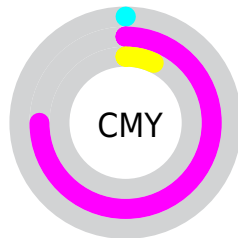


Cyan (0%)

Magenta (75%)

Yellow (7%)

Black (0%)



Cyan (0%)

Magenta (75%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF3FED 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 FF3FED by changing the saturation by 10% instead.



 FF3FED

 FF3FED

FFFFFF

 E004D0

 FF81FF

 C200B4

 FFA0FF

 A40099

 FFBEFF

 87007F

 FFDDFF

 690065

 FFFCFF

 4D004C

 300035

 09001E

 000000

 FF3FED

 FF3FED

 FF25EB

 FF59EF

 FF0CE8

 FF72F2

 FF00E7

 FF8CF4

 FFA5F7

 FFBFF9

 FFD8FB

 FFF2FE

FFFFFF

# Harmonies

## Analogous

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



8C7DFE



FF3FED



FF0097

# Triad

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



FF3FED



B49500



00BBF1

# Complementary

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



FF3FED



3FFF51

# 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.



00BA99



FF3FED



58AB00

# Square

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



FF3FED



F76F00



00B639



00B5FF

# Rectangle

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



FF3FED



FF005E



00B639



00BBD5



# Sweetspot

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



FF3FED



FFC4FA



4F3FFF



805C7C



000000



808080



# Same Dimension

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



FF3FED



FF19E9



FF3F8F



80737E



BF00AD



40003A



# Inverse Universe

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



FF3FED



FF19E9



3FFFAF



80737E



BF00AD



40003A



# Previews

## White Background



This preview shows how the Hex color FF3FED looks on a white background.

## Color Contrast Check

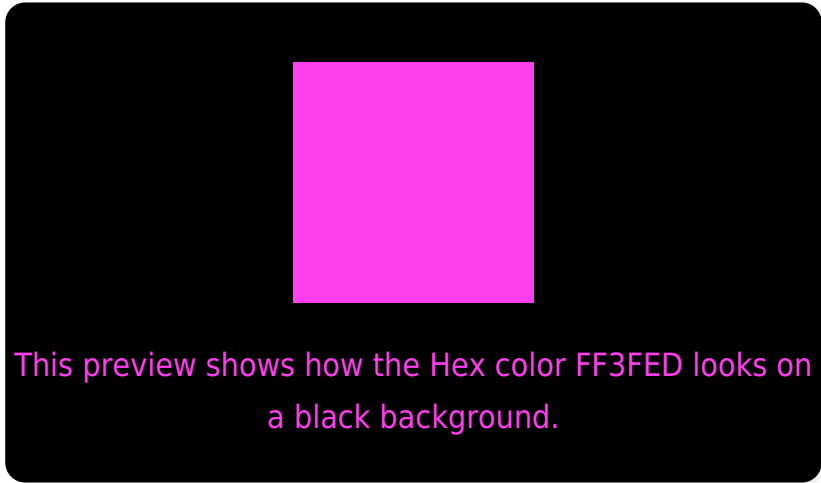
Large Text (above 18pt) WCAG AA × Fail

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

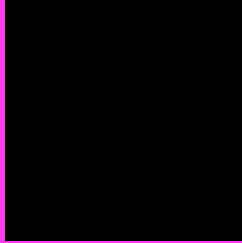
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex FF3FED Background



This preview shows how black text looks on a background with the Hex color FF3FED.

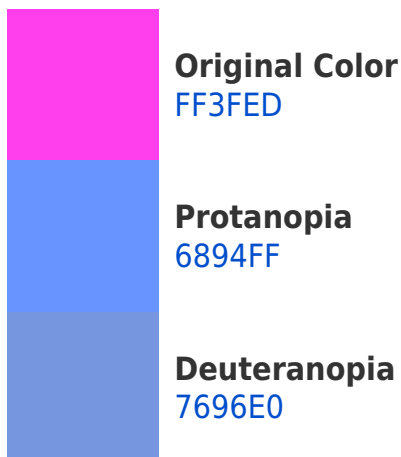



This preview shows how white text looks on a background with the Hex color FF3FED.

# 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**  
F26B72

# Trichromacy



**Original Color**  
FF3FED



**Protanomaly**  
9F75F8



**Deuteranomaly**  
A876E5

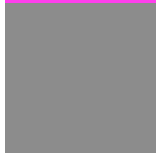


**Tritanomaly**  
F75B9F

# Monochromacy



**Original Color**  
FF3FED



**Achromatopsia**  
8C8C8C



**Achromatomaly**  
B670AF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF3FED 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 #FF3FED looks like.

```
.text, #text, p{  
    color:#FF3FED  
}
```

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 #FF3FED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF3FED
}
```

## Border

The CSS property to change the border of an element to Hex FF3FED 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
#FF3FED }
```

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

```
.border{ border-color:#FF3FED }
```

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

Here you see how a box with a 4 pixel #FF3FED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF3FED; -webkit-box-shadow:4px 4px  
4px 4px #FF3FED; box-shadow:4px 4px 4px  
4px #FF3FED }
```

# Background

The CSS property to change the background color of an element to Hex FF3FED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF3FED }
```

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

```
.background{ background-color:#FF3FED }
```

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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