

# Converting Colors

Hex(F84FE1)

Have a look what the booklet for  
Hex(F84FE1) contains.

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**Color**

**Hex(F84FE1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F84FE1
RGB	248, 79, 225
RGB Percent	97%, 31%, 88%
CMY	0.0275, 0.6902, 0.1176
CMYK	0.00, 0.68, 0.09, 0.03
HSL	308°, 92%, 64%
HSV	308°, 68%, 97%
XYZ	55.0980, 30.9847, 74.3108
YIQ	146.1750, 53.8580, 81.2340

# Conversions

## Conversions Part 2

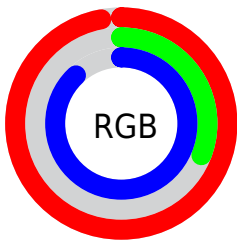
Format	Color
R <sub>YB</sub>	248, 79, 225
Decimal	16273377
CIE Lab	62.49, 78.56, -40.75
CIE LCh	62, 88.505, 332.584
Yxy	30.9847, 0.3435, 0.1932
Android (android.graphics.Color)	4294463457 (0xFFFF84FE1)
YUV	146.1750, 38.8607, 89.3005
Hunter-Lab	55.6639, 79.2736, -40.1870

# Details

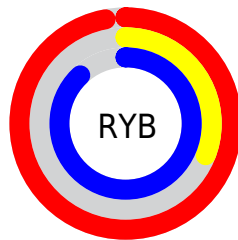
The Hex color **F84FE1** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light washed magenta. A complement of this color would be **4FF866**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FF8CFF**, and **BC00A9** is the 20% darker color. If you saturate the color by 10%, you get **F836DE**, and if you desaturate by 10%, it is **F868E4**.

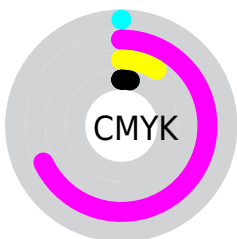
# Distribution



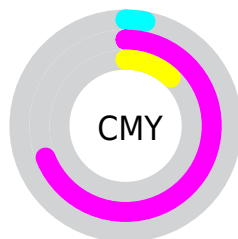
- Red (97%)
- Green (31%)
- Blue (88%)



- Red (97%)
- Yellow (31%)
- Blue (88%)



- Cyan (0%)
- Magenta (68%)
- Yellow (9%)
- Black (3%)



- Cyan (3%)
- Magenta (69%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F84FE1 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 F84FE1 by changing the saturation by 10% instead.



 F84FE1

 F84FE1

FFFFFF

 DA2BC5

 FF8CFF

 BC00A9

 FFAAFF

 9E008E

 FFC8FF

 810074

 FFE6FF

 65005B

 490043

 2D002C

 000016

 000000

 F84FE1

 F84FE1

 F836DE

 F868E4

 F81DDA

 F881E8

 F805D7

 F899EB

 F800D6

 F8B2EF

 F8CBF2

 F8E4F5

 F8FDF9

 F8FFFC

 F8FFFF

# Harmonies

## Analogous

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



987EFF



F84FE1



FF2894

# Triad

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



F84FE1



B19600



00B8EA

# Complementary

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



F84FE1



4FF866

# 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.



00B89C



F84FE1



5FAA00

# Square

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



F84FE1



EE7600



00B449



00B1FF

# Rectangle

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



F84FE1



FF3960



00B449



00B9D2



# Sweetspot

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



F84FE1



FFCCF8



664FF8



80617B



000000



808080



# Same Dimension

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



F84FE1



FF2EE3



F84F8D



7D707B



BD00A3



3D0035



# Inverse Universe

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



F84FE1



FF2EE3



4FF8BA



7D707B



BD00A3



3D0035



# Previews

## White Background



This preview shows how the Hex color F84FE1 looks on a white background.

## Color Contrast Check

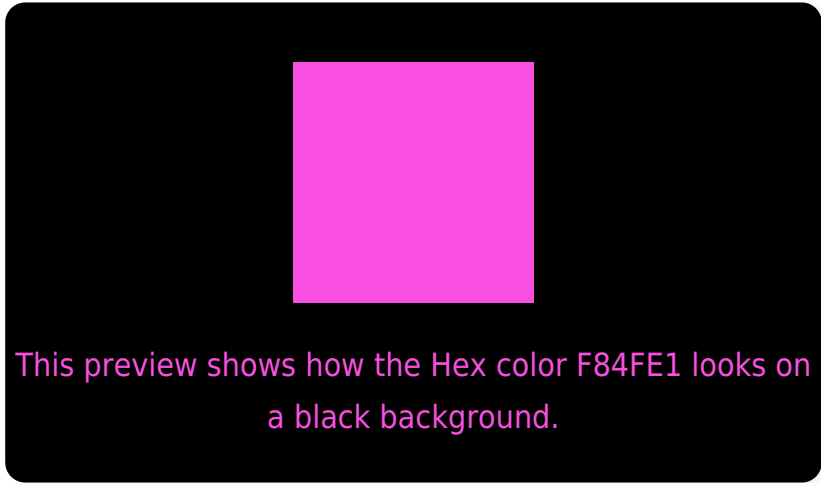
Large Text (above 18pt) WCAG AA × Fail

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 F84FE1 Background



This preview shows how black text looks on a background with the Hex color F84FE1.

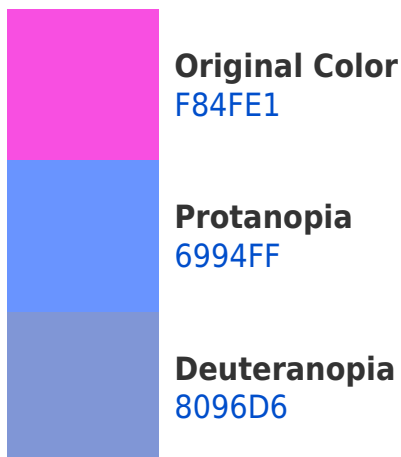


This preview shows how white text looks on a background with the Hex color F84FE1.

# 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](#).

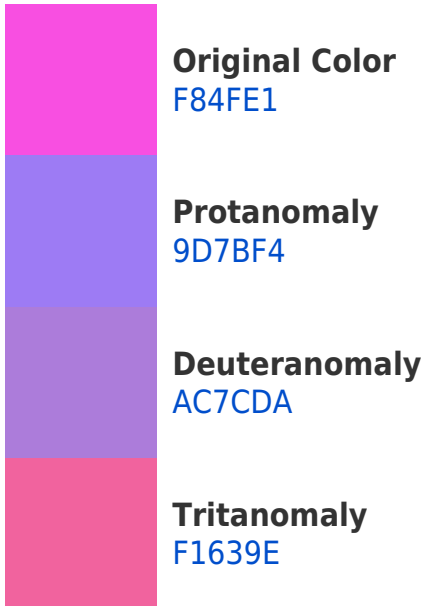
## Dichromacy





**Tritanopia**  
ED6F77

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F84FE1 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 #F84FE1 looks like.

```
.text, #text, p{  
    color:#F84FE1  
}
```

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 #F84FE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F84FE1
}
```

## Border

The CSS property to change the border of an element to Hex F84FE1 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
#F84FE1 }
```

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

```
.border{ border-color:#F84FE1 }
```

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

Here you see how a box with a 4 pixel #F84FE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F84FE1; -webkit-box-shadow:4px 4px  
4px 4px #F84FE1; box-shadow:4px 4px 4px  
4px #F84FE1 }
```

# Background

The CSS property to change the background color of an element to Hex F84FE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F84FE1 }
```

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

```
.background{ background-color:#F84FE1 }
```

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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