

# Converting Colors

Hex(F17FE4)

Have a look what the booklet for  
Hex(F17FE4) contains.

<b>Hex(F17FE4)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(F17FE4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F17FE4
RGB	241, 127, 228
RGB Percent	95%, 50%, 89%
CMY	0.0549, 0.5020, 0.1059
CMYK	0.00, 0.47, 0.05, 0.05
HSL	307°, 80%, 72%
HSV	307°, 47%, 95%
XYZ	57.8686, 39.4810, 77.9694
YIQ	172.6000, 35.5230, 55.5790

# Conversions

## Conversions Part 2

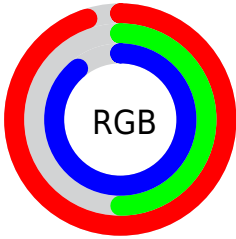
Format	Color
R <sub>Y</sub> B	241, 127, 228
Decimal	15826916
CIE Lab	69.10, 56.98, -32.21
CIE LCh	69, 65.449, 330.519
Yxy	39.4810, 0.3301, 0.2252
Android (android.graphics.Color)	4294016996 (0xFFFF17FE4)
YUV	172.6000, 27.3122, 59.9868
Hunter-Lab	62.8339, 54.4352, -29.5881

# Details

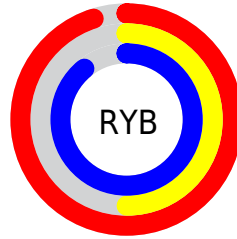
The Hex color **F17FE4** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **7FF18C**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFB7FF**, and **B748AC** is the 20% darker color. If you saturate the color by 10%, you get **F167E1**, and if you desaturate by 10%, it is **F197E7**.

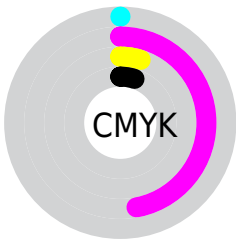
# Distribution



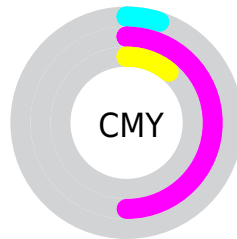
- Red (95%)
- Green (50%)
- Blue (89%)



- Red (95%)
- Yellow (50%)
- Blue (89%)



- Cyan (0%)
- Magenta (47%)
- Yellow (5%)
- Black (5%)



- Cyan (5%)
- Magenta (50%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F17FE4 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 F17FE4 by changing the saturation by 10% instead.



 F17FE4

 F17FE4

FFFFFF

 D464C8

 FFB7FF

 B748AC

 FFD4FF

 9A2B91

 FFF1FF

 7F0277

 63005E

 490046

 320030

 0B001A

 000000

 F17FE4

 F17FE4

 F167E1

 F197E7

 F14FDF

 F1AFE9

 F137DC

 F1C7EC

 F11FD9

 F1DFEF

 F107D6

 F1F8F2

 F100D6

 F1FFF4

 F1FFF7

 F1FFFA

 F1FFFD

# Harmonies

## Analogous

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



AA98FF



F17FE4



FF70AA

# Triad

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



F17FE4



C6A624



00C4E3

# Complementary

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



F17FE4



7FF18C

# 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.



00C5A8



F17FE4



8BB739

# Square

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



F17FE4



F58F3F



2BC06B



00BEFF

# Rectangle

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



F17FE4



FF7483



2BC06B



00C5D0



# Sweetspot

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



F17FE4



FFDBFB



8A7FF1



806A7D



000000



808080



# Same Dimension

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



F17FE4



FF6EEE



F17FAD



786C76



B800A3



380032



# Inverse Universe

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



F17FE4



FF6EEE



7FF1C3



786C76



B800A3

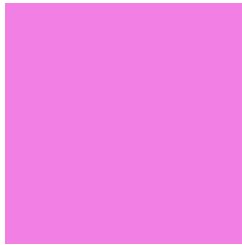


380032



# Previews

## White Background



This preview shows how the Hex color F17FE4 looks on a white background.

## Color Contrast Check

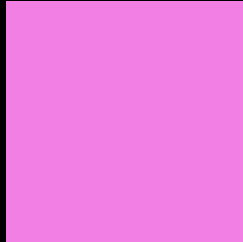
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color F17FE4 looks on a 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 F17FE4 Background



This preview shows how black text looks on a background with the Hex color F17FE4.

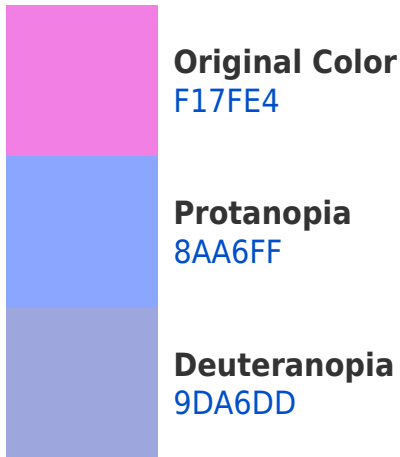


This preview shows how white text looks on a background with the Hex color F17FE4.

# 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**  
E8909A

# Trichromacy



**Original Color**  
F17FE4



**Protanomaly**  
AF98F5



**Deuteranomaly**  
BC98E0



**Tritanomaly**  
EB8AB5

# Monochromacy



**Original Color**  
F17FE4



**Achromatopsia**  
ADADAD



**Achromatomaly**  
C69CC1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F17FE4 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 #F17FE4 looks like.

```
.text, #text, p{  
    color:#F17FE4  
}
```

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 #F17FE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F17FE4
}
```

## Border

The CSS property to change the border of an element to Hex F17FE4 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
#F17FE4 }
```

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

```
.border{ border-color:#F17FE4 }
```

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

Here you see how a box with a 4 pixel #F17FE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F17FE4; -webkit-box-shadow:4px 4px  
4px 4px #F17FE4; box-shadow:4px 4px 4px  
4px #F17FE4 }
```

# Background

The CSS property to change the background color of an element to Hex F17FE4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F17FE4 }
```

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

```
.background{ background-color:#F17FE4 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor