

# Converting Colors

Hex(F17AF1)

Have a look what the booklet for  
Hex(F17AF1) contains.

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# Color

**Hex(F17AF1)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | F17AF1                     |
| RGB         | 241, 122, 241              |
| RGB Percent | 95%, 48%, 95%              |
| CMY         | 0.0549, 0.5216, 0.0549     |
| CMYK        | 0.00, 0.49, 0.00, 0.05     |
| HSL         | 300°, 81%, 71%             |
| HSV         | 300°, 49%, 95%             |
| XYZ         | 59.1123, 38.9707, 87.6256  |
| YIQ         | 171.1470, 32.7250, 62.2370 |

# Conversions

## Conversions Part 2

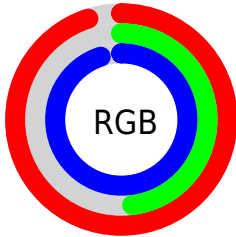
| <b>Format</b>                       | <b>Color</b>                                   |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">241, 122, 241</a>                  |
| Decimal                             | <a href="#">15825649</a>                       |
| CIELab                              | <a href="#">68.73, 61.58, -39.95</a>           |
| CIElCh                              | <a href="#">69, 73.398, 327.028</a>            |
| Yxy                                 | <a href="#">38.9707, 0.3183,<br/>0.2098</a>    |
| Android<br>(android.graphics.Color) | <a href="#">4294015729<br/>(0xFFFF17AF1)</a>   |
| YUV                                 | <a href="#">171.1470, 34.4375,<br/>61.2611</a> |
| Hunter-Lab                          | <a href="#">62.4265, 59.7771,<br/>-39.5244</a> |

# Details

The Hex color **F17AF1** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **7AF17A**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFB2FF**, and **B642B8** is the 20% darker color. If you saturate the color by 10%, you get **F162F1**, and if you desaturate by 10%, it is **F192F1**.

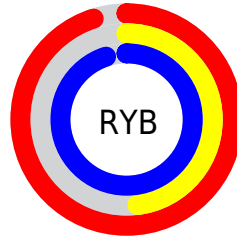
# Distribution



Red (95%)

Green (48%)

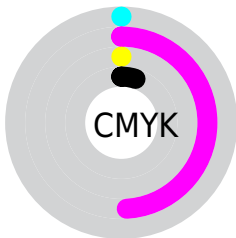
Blue (95%)



Red (95%)

Yellow (48%)

Blue (95%)

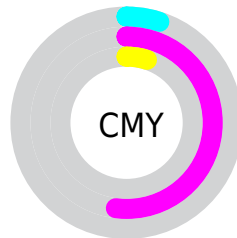


Cyan (0%)

Magenta (49%)

Yellow (0%)

Black (5%)



Cyan (5%)

Magenta (52%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F17AF1 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 F17AF1 by changing the saturation by 10% instead.



 F17AF1

 F17AF1

FFFFFF

 D35ED4

 FFB2FF

 B642B8

 FFCFFF

 9A239D


 FFECCF

 7E0083

 630069

 480050

 300039

 090022

 000008

 F17AF1

 F17AF1

 F162F1

 F192F1

 F14AF1

 F1AAF1

 F132F1

 F1C2F1

 F11AF1

 F1DAF1

 F102F1

 F1F2F1

 F100F1

 F1FFF1

# Harmonies

## Analogous

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



9999FF



F17AF1



FF65B1

# Triad

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



F17AF1



CDA200



00C6E2

# Complementary

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



F17AF1



7AF17A

# 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.



00C69F



F17AF1



8DB51C

# Square

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



F17AF1



FF8835



19C15B



00C0FF

# Rectangle

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



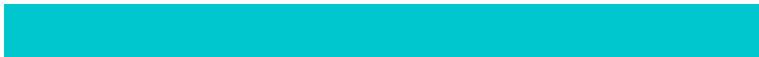
F17AF1



FF6685



19C15B



00C7CD



# Sweetspot

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



F17AF1



FFD9FF



7A7AF1



806980



000000



808080



# Same Dimension

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



F17AF1



FF69FF



F17AB5



786C78



B800B8



380038



# Inverse Universe

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



F17AF1



FF69FF



7AF1B5



786C78



B800B8

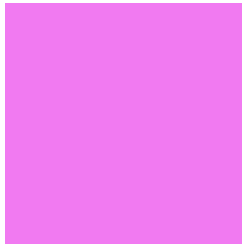


380038



# Previews

## White Background



This preview shows how the Hex color F17AF1 looks on a white background.

## Color Contrast Check

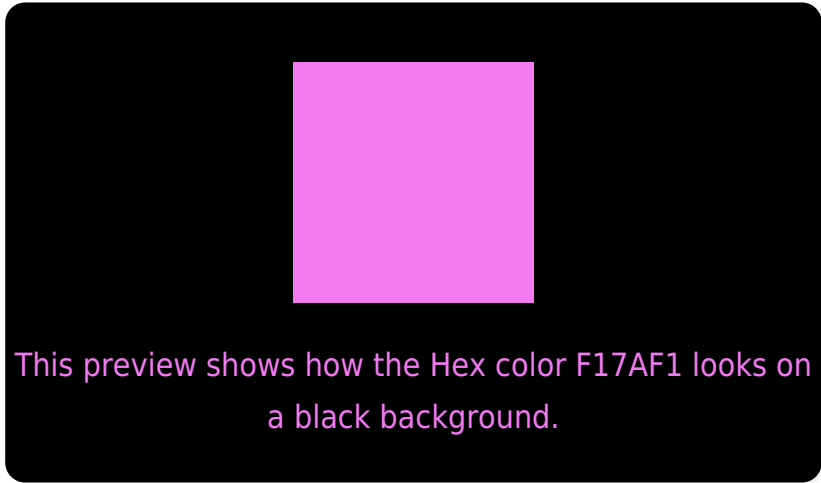
Large Text (above 18pt) WCAG AA × Fail

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 F17AF1 Background



This preview shows how black text looks on a background with the Hex color F17AF1.

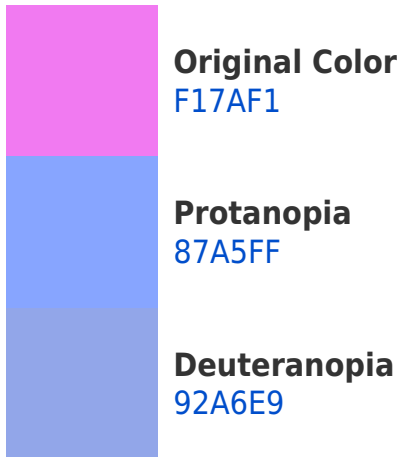


This preview shows how white text looks on a background with the Hex color F17AF1.

# 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**  
E68F9A

# Trichromacy



**Original Color**  
F17AF1



**Protanomaly**  
AE95FA



**Deuteranomaly**  
B596EC



**Tritanomaly**  
EA87BA

# Monochromacy



**Original Color**  
F17AF1



**Achromatopsia**  
ABABAB



**Achromatomaly**  
C499C4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F17AF1 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 #F17AF1 looks like.

```
.text, #text, p{  
    color:#F17AF1  
}
```

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 #F17AF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F17AF1
}
```

## Border

The CSS property to change the border of an element to Hex F17AF1 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
#F17AF1 }
```

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

```
.border{ border-color:#F17AF1 }
```

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

Here you see how a box with a 4 pixel #F17AF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F17AF1; -webkit-box-shadow:4px 4px  
4px 4px #F17AF1; box-shadow:4px 4px 4px  
4px #F17AF1 }
```

# Background

The CSS property to change the background color of an element to Hex F17AF1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F17AF1 }
```

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

```
.background{ background-color:#F17AF1 }
```

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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