

# Converting Colors

Hex(F19AEF)

Have a look what the booklet for  
Hex(F19AEF) contains.

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# Color

**Hex(F19AEF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F19AEF
RGB	241, 154, 239
RGB Percent	95%, 60%, 94%
CMY	0.0549, 0.3961, 0.0627
CMYK	0.00, 0.36, 0.01, 0.05
HSL	301°, 76%, 77%
HSV	301°, 36%, 95%
XYZ	63.4112, 48.0440, 87.5926
YIQ	189.7030, 24.5670, 44.8790

# Conversions

## Conversions Part 2

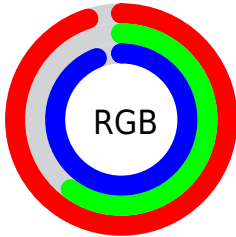
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	241, 154, 239
Decimal	15833839
CIE Lab	74.85, 45.29, -29.37
CIE LCh	75, 53.978, 327.041
Yxy	48.0440, 0.3186, 0.2414
Android (android.graphics.Color)	4294023919 (0xFFFF19AEF)
YUV	189.7030, 24.3034, 44.9875
Hunter-Lab	69.3138, 42.0004, -26.4059

# Details

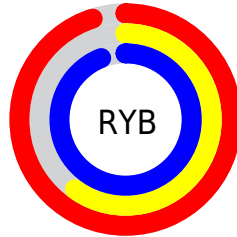
The Hex color **F19AEF** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **9AF19C**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **FFD2FF**, and **B765B7** is the 20% darker color. If you saturate the color by 10%, you get **F182EE**, and if you desaturate by 10%, it is **F1B2F0**.

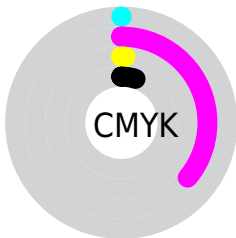
# Distribution



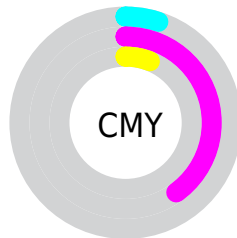
- Red (95%)
- Green (60%)
- Blue (94%)



- Red (95%)
- Yellow (60%)
- Blue (94%)



- Cyan (0%)
- Magenta (36%)
- Yellow (1%)
- Black (5%)



- Cyan (5%)
- Magenta (40%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F19AEF 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 F19AEF by changing the saturation by 10% instead.



 F19AEF

 F19AEF

FFFFFF

 D47FD3

 FFD2FF

 B765B7

 FFEFFF

 9C4B9C

 803181

 661568

 4C0050

 330038

 1B0022

 000008

 F19AEF

 F19AEF

 F182EE

 F1B2F0

 F16AEE

 F1CAF0

 F152ED

 F1E2F1

 F13AED

 F1FAF1

 F121EC

 F1FFF2

 F109EC

 F1FFF3

 F100EB

 F1FFF4

# Harmonies

## Analogous

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



B4ADFF



F19AEF



FF8FBF

# Triad

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



F19AEF



DAB452



00D1E4

# Complementary

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



F19AEF



9AF19C

# 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.



00D1B1



F19AEF



A8C35C

# Square

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



F19AEF



FFA266



6ACC80



00CBFF

# Rectangle

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



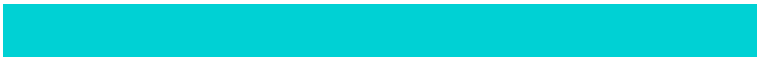
F19AEF



FF8F9E



6ACC80



00D1D4



# Sweetspot

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



F19AEF



FFE3FE



9B9AF1



806F7F



000000



808080



# Same Dimension

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



F19AEF



FF91FC



F19AC4



786C78



B800B3



380037



# Inverse Universe

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



F19AEF



FF91FC



9AF1C7



786C78



B800B3

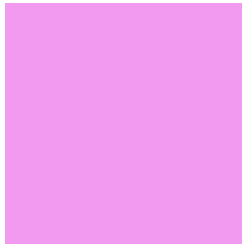


380037



# Previews

## White Background



This preview shows how the Hex color F19AEF looks on a white background.

## Color Contrast Check

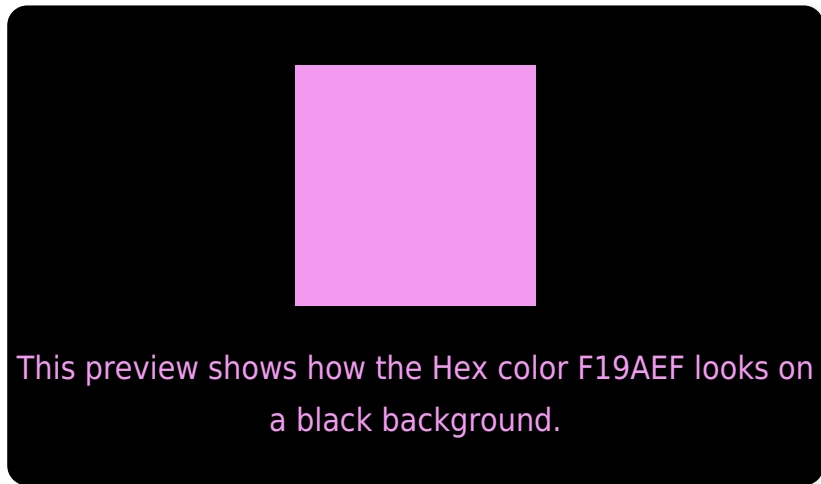
Large Text (above 18pt) WCAG AA × Fail

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 F19AEF Background



This preview shows how black text looks on a background with the Hex color F19AEF.

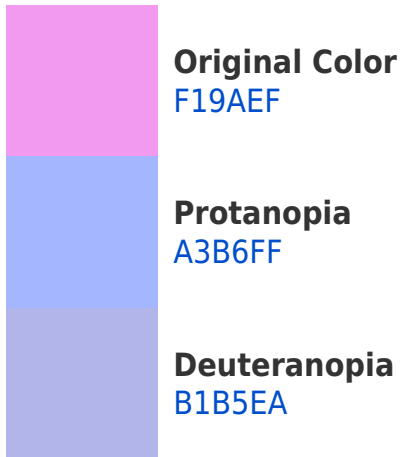


This preview shows how white text looks on a background with the Hex color F19AEF.

# 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**  
E9A6B3

# Trichromacy



**Original Color**  
F19AEF



**Protanomaly**  
BFACF9



**Deuteranomaly**  
C8ABEC



**Tritanomaly**  
ECA2C9

# Monochromacy



**Original Color**  
F19AEF



**Achromatopsia**  
BEBEBE



**Achromatomaly**  
D1B1D0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F19AEF 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 #F19AEF looks like.

```
.text, #text, p{  
    color:#F19AEF  
}
```

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 #F19AEF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F19AEF
}
```

## Border

The CSS property to change the border of an element to Hex F19AEF 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
#F19AEF }
```

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

```
.border{ border-color:#F19AEF }
```

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

Here you see how a box with a 4 pixel #F19AEF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F19AEF; -webkit-box-shadow:4px 4px  
4px 4px #F19AEF; box-shadow:4px 4px 4px  
4px #F19AEF }
```

# Background

The CSS property to change the background color of an element to Hex F19AEF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F19AEF }
```

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

```
.background{ background-color:#F19AEF }
```

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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