

# Converting Colors

Hex(F19AF4)

Have a look what the booklet for  
Hex(F19AF4) contains.

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# **Color**

**Hex(F19AF4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F19AF4
RGB	241, 154, 244
RGB Percent	95%, 60%, 96%
CMY	0.0549, 0.3961, 0.0431
CMYK	0.01, 0.37, 0.00, 0.04
HSL	298°, 80%, 78%
HSV	298°, 37%, 96%
XYZ	64.1604, 48.3436, 91.5376
YIQ	190.2730, 22.9620, 46.4340

# Conversions

## Conversions Part 2

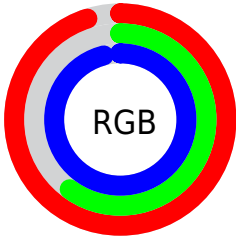
Format	Color
R <sub>Y</sub> B	241, 154, 244
Decimal	15833844
CIE Lab	75.04, 46.19, -31.79
CIE LCh	75, 56.076, 325.462
Yxy	48.3436, 0.3144, 0.2369
Android (android.graphics.Color)	4294023924 (0xFFFF19AF4)
YUV	190.2730, 26.4874, 44.4876
Hunter-Lab	69.5296, 43.0391, -29.3862

# Details

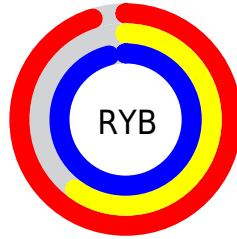
The Hex color **F19AF4** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **9DF49A**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFD2FF**, and **B765BC** is the 20% darker color. If you saturate the color by 10%, you get **F082F4**, and if you desaturate by 10%, it is **F2B2F4**.

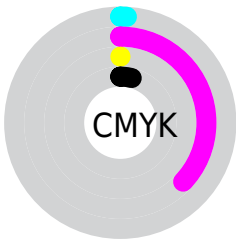
# Distribution



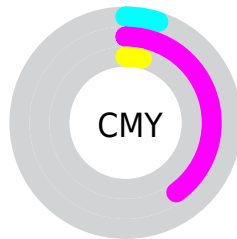
- Red (95%)
- Green (60%)
- Blue (96%)



- Red (95%)
- Yellow (60%)
- Blue (96%)



- Cyan (1%)
- Magenta (37%)
- Yellow (0%)
- Black (4%)



- Cyan (5%)
- Magenta (40%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F19AF4 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 F19AF4 by changing the saturation by 10% instead.



 F19AF4

 F19AF4

FFFFFF

 D47FD7

 FFD2FF

 B765BC

 FFEFFF

 9C4BA0

 803186

 66156C

 4C0054

 33003C

 1B0026

 00010E

 F19AF4

 F19AF4

 F082F4

 F2B2F4

 EF69F4

 F3CBF4

 EF51F4

 F3E3F4

 EE38F4

 F4FCF4

 ED20F4

 F5FFF4

 EC08F4

 F6FFF4

 EC00F4

 F7FFF4

 F8FFF4

# Harmonies

## Analogous

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



AFAEFF



F19AF4



FF8DC3

# Triad

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



F19AF4



DEB34E



00D2E4

# Complementary

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



F19AF4



9DF49A

# 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.



00D2AF



F19AF4



ABC357

# Square

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



F19AF4



FFA065



6BCD7C



00CDFF

# Rectangle

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



F19AF4



FF8DA0



6BCD7C



00D3D3



# Sweetspot

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



F19AF4



FEE3FF



9A9DF4



7F6F80



000000



808080



# Same Dimension

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



F19AF4



FB8FFF



F49ACA



7A6E7A



B400BA



39003B



# Inverse Universe

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



F49A9D



FF8F93



9AF4C4



7A6E6F



BA0006



3B0002



# Previews

## White Background



This preview shows how the Hex color F19AF4 looks on a white background.

## Color Contrast Check

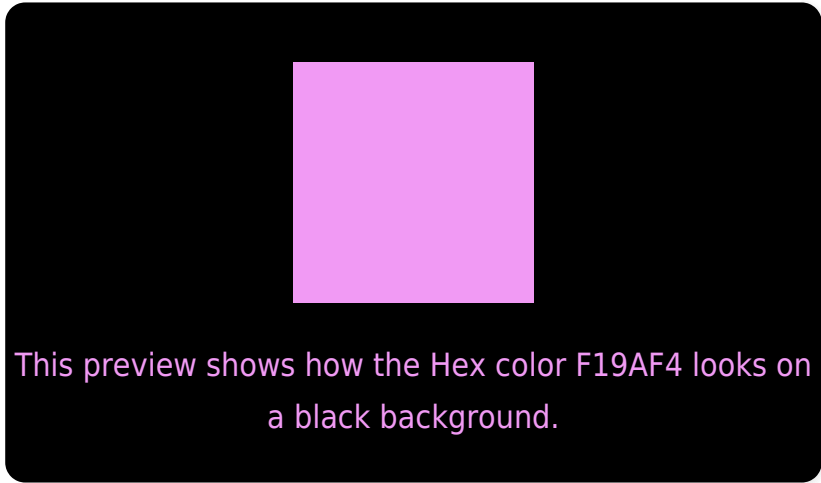
Large Text (above 18pt) WCAG AA × Fail

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 F19AF4 Background



This preview shows how black text looks on a background with the Hex color F19AF4.

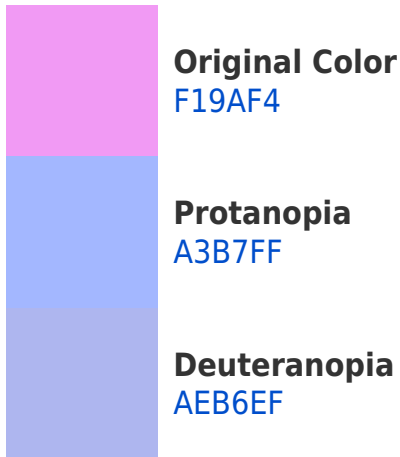


This preview shows how white text looks on a background with the Hex color F19AF4.

# 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**  
E9A7B4

# Trichromacy



**Original Color**  
F19AF4



**Protanomaly**  
BFACFB



**Deuteranomaly**  
C6ACF1



**Tritanomaly**  
ECA2CB

# Monochromacy



**Original Color**  
F19AF4



**Achromatopsia**  
BEBEBE



**Achromatomaly**  
D1B1D2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F19AF4 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 #F19AF4 looks like.

```
.text, #text, p{  
    color:#F19AF4  
}
```

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 #F19AF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F19AF4
}
```

## Border

The CSS property to change the border of an element to Hex F19AF4 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
#F19AF4 }
```

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

```
.border{ border-color:#F19AF4 }
```

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

Here you see how a box with a 4 pixel #F19AF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F19AF4; -webkit-box-shadow:4px 4px  
4px 4px #F19AF4; box-shadow:4px 4px 4px  
4px #F19AF4 }
```

# Background

The CSS property to change the background color of an element to Hex F19AF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F19AF4 }
```

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

```
.background{ background-color:#F19AF4 }
```

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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