

# Converting Colors

Hex(F49AC7)

Have a look what the booklet for  
Hex(F49AC7) contains.

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# **Color**

**Hex(F49AC7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F49AC7
RGB	244, 154, 199
RGB Percent	96%, 60%, 78%
CMY	0.0431, 0.3961, 0.2196
CMYK	0.00, 0.37, 0.18, 0.04
HSL	330°, 80%, 78%
HSV	330°, 37%, 96%
XYZ	59.1726, 46.4678, 59.8833
YIQ	186.0400, 39.1950, 33.0750

# Conversions

## Conversions Part 2

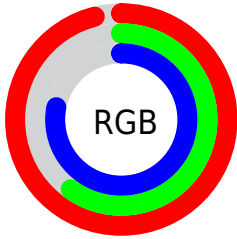
<b>Format</b>	<b>Color</b>
<b>RYB</b>	244, 154, 199
Decimal	16030407
CIELab	73.85, 39.66, -8.95
CIELCh	74, 40.659, 347.281
Yxy	46.4678, 0.3575, 0.2807
Android (android.graphics.Color)	4294220487 (0xFFFF49AC7)
YUV	186.0400, 6.3893, 50.8309
Hunter-Lab	68.1673, 35.6541, -4.3677

# Details

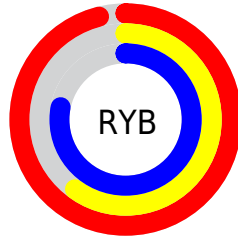
The Hex color **F49AC7** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **9AF4C7**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **FFD2FF**, and **BA6591** is the 20% darker color. If you saturate the color by 10%, you get **F482BB**, and if you desaturate by 10%, it is **F4B2D3**.

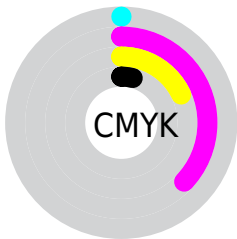
# Distribution



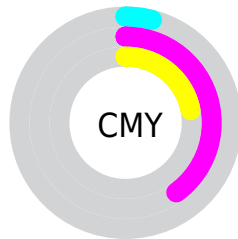
- Red (96%)
- Green (60%)
- Blue (78%)



- Red (96%)
- Yellow (60%)
- Blue (78%)



- Cyan (0%)
- Magenta (37%)
- Yellow (18%)
- Black (4%)



- Cyan (4%)
- Magenta (40%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F49AC7 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 F49AC7 by changing the saturation by 10% instead.



 F49AC7

 F49AC7

FFFFFF

 D77FAC

 FFD2FF

 BA6591

 FFEEFF

 9E4C77

 83325F

 681847

 4E0031

 36001C

 1A0001

 000000

 F49AC7

 F49AC7

 F482BB

 F4B2D3

 F469AF

 F4CBDF

 F451A2

 F4E3EC

 F43896

 F4FCF8

 F4208A

 F4FFFF

 F4087E

 F4007A

# Harmonies

## Analogous

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



D5A4E8



F49AC7



FE99A1

# Triad

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



F49AC7



B8BA6D



0EC6EB

# Complementary

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



F49AC7



9AF4C7

# 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.



1DC9CA



F49AC7



8EC382

# Square

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



F49AC7



DCAE6D



5DC8A4



61BEFE

# Rectangle

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



F49AC7



FA9E8A



5DC8A4



00C8E1



# Sweetspot

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



F49AC7



FFE3F1



C79AF4



806F77



000000



808080



# Same Dimension

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



F49AC7



FF8FC7



F49A9A



7A6E74



BA005D



3B001D



# Inverse Universe

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



F49AC7



FF8FC7



9AF4F4



7A6E74



BA005D



3B001D



# Previews

## White Background



This preview shows how the Hex color F49AC7 looks on a white background.

## Color Contrast Check

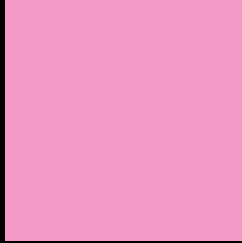
Large Text (above 18pt) WCAG AA × Fail

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 F49AC7 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 F49AC7 Background



This preview shows how black text looks on a background with the Hex color F49AC7.

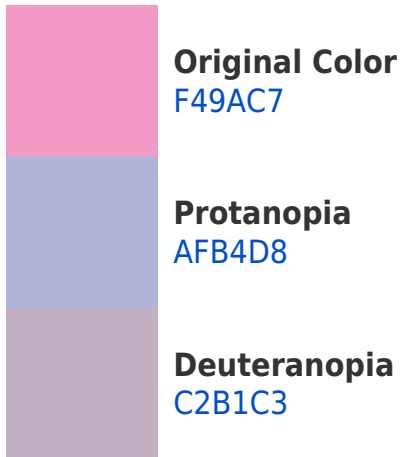


This preview shows how white text looks on a background with the Hex color F49AC7.

# 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**  
F19FAB

# Trichromacy



**Original Color**  
F49AC7



**Protanomaly**  
C8ABD2



**Deuteranomaly**  
D4A9C4

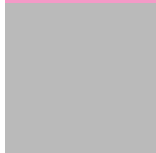


**Tritanomaly**  
F29DB5

# Monochromacy



**Original Color**  
F49AC7



**Achromatopsia**  
BABABA



**Achromatomaly**  
CFAEBF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F49AC7 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 #F49AC7 looks like.

```
.text, #text, p{  
    color:#F49AC7  
}
```

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 #F49AC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F49AC7
}
```

## Border

The CSS property to change the border of an element to Hex F49AC7 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
#F49AC7 }
```

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

```
.border{ border-color:#F49AC7 }
```

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

Here you see how a box with a 4 pixel #F49AC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F49AC7; -webkit-box-shadow:4px 4px  
4px 4px #F49AC7; box-shadow:4px 4px 4px  
4px #F49AC7 }
```

# Background

The CSS property to change the background color of an element to Hex F49AC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F49AC7 }
```

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

```
.background{ background-color:#F49AC7 }
```

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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