

# Converting Colors

Hex(F49ED4)

Have a look what the booklet for  
Hex(F49ED4) contains.

<b>Hex(F49ED4)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(F49ED4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F49ED4
RGB	244, 158, 212
RGB Percent	96%, 62%, 83%
CMY	0.0431, 0.3804, 0.1686
CMYK	0.00, 0.35, 0.13, 0.04
HSL	322°, 80%, 79%
HSV	322°, 35%, 96%
XYZ	61.4188, 48.4403, 68.4001
YIQ	189.8700, 33.9220, 35.0260

# Conversions

## Conversions Part 2

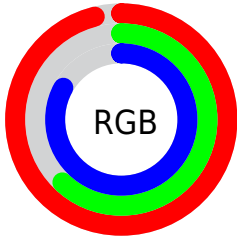
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	244, 158, 212
Decimal	16031444
CIE <sub>Lab</sub>	75.10, 39.59, -14.22
CIE <sub>LCh</sub>	75, 42.067, 340.248
Yxy	48.4403, 0.3445, 0.2717
Android (android.graphics.Color)	4294221524 (0xFFFF49ED4)
YUV	189.8700, 10.9101, 47.4720
Hunter-Lab	69.5991, 35.7217, -9.5493

# Details

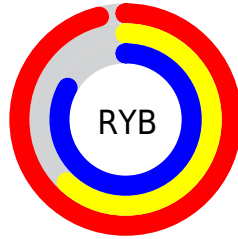
The Hex color **F49ED4** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **9EF4BE**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFD6FF**, and **BA699D** is the 20% darker color. If you saturate the color by 10%, you get **F486CB**, and if you desaturate by 10%, it is **F4B6DD**.

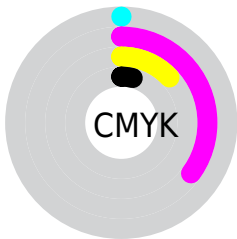
# Distribution



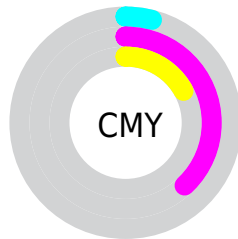
- Red (96%)
- Green (62%)
- Blue (83%)



- Red (96%)
- Yellow (62%)
- Blue (83%)



- Cyan (0%)
- Magenta (35%)
- Yellow (13%)
- Black (4%)



- Cyan (4%)
- Magenta (38%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F49ED4 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 F49ED4 by changing the saturation by 10% instead.



 F49ED4

 F49ED4

FFFFFF

 D783B8

 FFD6FF

 BA699D

 FFF3FF

 9F4F83

 83366A

 691C52

 4F003B

 360025

 1D000E

 000000

 F49ED4

 F49ED4

 F486CB

 F4B6DD

 F46DC2

 F4CFE6

 F455B9

 F4E7EF

 F43CB0

 F4FFF8

 F424A7

 F4FFFF

 F40C9E

 F40099

# Harmonies

## Analogous

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



CEAAF4



F49ED4



FF9AAD

# Triad

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



F49ED4



C5BB6B



00CBEA

# Complementary

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



F49ED4



9EF4BE

# 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.



28CEC5



F49ED4



9BC57C

# Square

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



F49ED4



E8AE70



69CC9D



4DC4FF

# Rectangle

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



F49ED4



FF9E94



69CC9D



00CDDF



# Sweetspot

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



F49ED4



FFE3F5



BE9EF4



806F79



000000



808080



# Same Dimension

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



F49ED4



FF94D7



F49EA9



7A6E76



BA0075



3B0025



# Inverse Universe

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



F49ED4



FF94D7



9EF4E9



7A6E76



BA0075

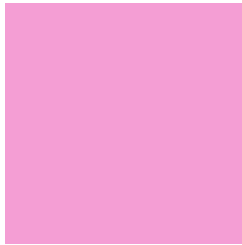


3B0025



# Previews

## White Background



This preview shows how the Hex color F49ED4 looks on a white background.

## Color Contrast Check

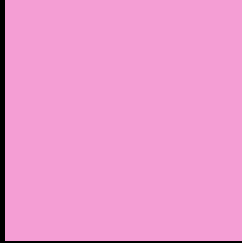
Large Text (above 18pt) WCAG AA × Fail

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 F49ED4 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 F49ED4 Background



This preview shows how black text looks on a background with the Hex color F49ED4.

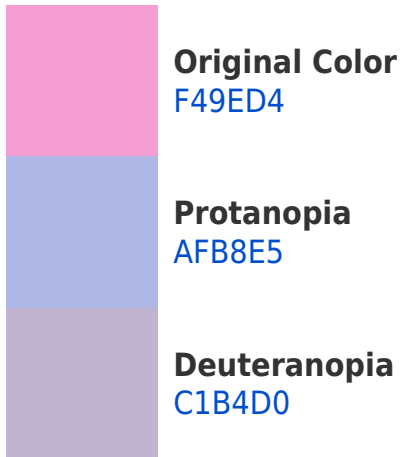


This preview shows how white text looks on a background with the Hex color F49ED4.

# 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





# Trichromacy



**Original Color**  
F49ED4



**Protanomaly**  
C8AFDF



**Deuteranomaly**  
D4ACD1



**Tritanomaly**  
F1A2BE

# Monochromacy



**Original Color**  
F49ED4



**Achromatopsia**  
BEBEBE



**Achromatomaly**  
D2B2C6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F49ED4 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 #F49ED4 looks like.

```
.text, #text, p{  
    color:#F49ED4  
}
```

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 #F49ED4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F49ED4
}
```

## Border

The CSS property to change the border of an element to Hex F49ED4 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
#F49ED4 }
```

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

```
.border{ border-color:#F49ED4 }
```

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

Here you see how a box with a 4 pixel #F49ED4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F49ED4; -webkit-box-shadow:4px 4px  
4px 4px #F49ED4; box-shadow:4px 4px 4px  
4px #F49ED4 }
```

# Background

The CSS property to change the background color of an element to Hex F49ED4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F49ED4 }
```

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

```
.background{ background-color:#F49ED4 }
```

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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