

# Converting Colors

Hex(F49BD6)

Have a look what the booklet for  
Hex(F49BD6) contains.

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# **Color**

**Hex(F49BD6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F49BD6
RGB	244, 155, 214
RGB Percent	96%, 61%, 84%
CMY	0.0431, 0.3922, 0.1608
CMYK	0.00, 0.36, 0.12, 0.04
HSL	320°, 80%, 78%
HSV	320°, 36%, 96%
XYZ	61.1672, 47.5308, 69.5688
YIQ	188.3370, 34.1050, 37.2170

# Conversions

## Conversions Part 2

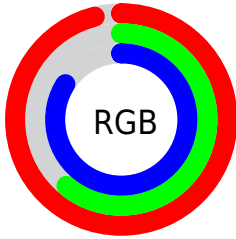
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	244, 155, 214
Decimal	16030678
CIE <sub>Lab</sub>	74.53, 41.47, -16.18
CIE <sub>LCh</sub>	75, 44.517, 338.693
Yxy	47.5308, 0.3431, 0.2666
Android (android.graphics.Color)	4294220758 (0xFFF49BD6)
YUV	188.3370, 12.6519, 48.8165
Hunter-Lab	68.9426, 37.7190, -11.5687

# Details

The Hex color **F49BD6** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **9BF4B9**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **FFD3FF**, and **BA669F** is the 20% darker color. If you saturate the color by 10%, you get **F483CE**, and if you desaturate by 10%, it is **F4B3DE**.

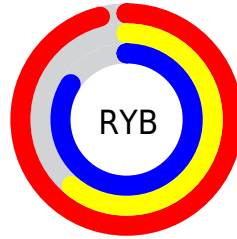
# Distribution



Red (96%)

Green (61%)

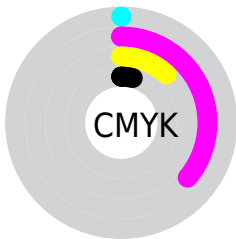
Blue (84%)



Red (96%)

Yellow (61%)

Blue (84%)

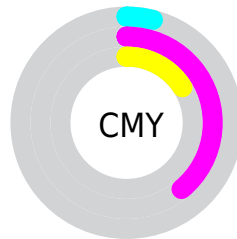


Cyan (0%)

Magenta (36%)

Yellow (12%)

Black (4%)



Cyan (4%)

Magenta (39%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F49BD6 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 F49BD6 by changing the saturation by 10% instead.



 F49BD6

 F49BD6

FFFFFF

 D780BA

 FFD3FF

 BA669F

 FFEFFF

 9E4C85

 83336C

 691853

 4F003C

 360026

 1C0010

 000000

 F49BD6

 F49BD6

 F483CE

 F4B3DE

 F46AC6

 F4CCE6

 F452BD

 F4E4EF

 F439B5

 F4FDF7

 F421AD

 F4FFFF

 F409A5

 F400A2

# Harmonies

## Analogous

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



CBA8F7



F49BD6



FF97AD

# Triad

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



F49BD6



C6B965



00CBE9

# Complementary

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



F49BD6



9BF4B9

# 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.



00CDC2



F49BD6



99C476

# Square

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



F49BD6



EAAB6B



64CB98



35C4FF

# Rectangle

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



F49BD6



FF9A92



64CB98



00CCDD



# Sweetspot

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



F49BD6



FFE3F6



B99BF4



806F7A



000000



808080



# Same Dimension

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



F49BD6



FF8FD9



F49BAA



7A6E76



BA007B



3B0027



# Inverse Universe

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



F49BD6



FF8FD9



9BF4E5



7A6E76



BA007B



3B0027



# Previews

## White Background



This preview shows how the Hex color F49BD6 looks on a white background.

## Color Contrast Check

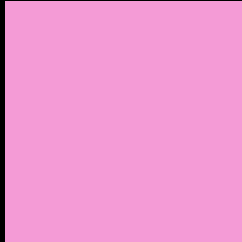
Large Text (above 18pt) WCAG AA × Fail

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 F49BD6 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 F49BD6 Background



This preview shows how black text looks on a background with the Hex color F49BD6.



This preview shows how white text looks on a background with the Hex color F49BD6.

# 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**  
EFA2AF

# Trichromacy



**Original Color**  
F49BD6



**Protanomaly**  
C6ACE1



**Deuteranomaly**  
D1AAD3



**Tritanomaly**  
F19FBD

# Monochromacy



**Original Color**  
F49BD6



**Achromatopsia**  
BCBCBC



**Achromatomaly**  
D0B0C5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F49BD6 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 #F49BD6 looks like.

```
.text, #text, p{  
    color:#F49BD6  
}
```

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 #F49BD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F49BD6  
}
```

## Border

The CSS property to change the border of an element to Hex F49BD6 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  
#F49BD6 }
```

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

```
.border{ border-color:#F49BD6 }
```

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

Here you see how a box with a 4 pixel #F49BD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F49BD6; -webkit-box-shadow:4px 4px  
4px 4px #F49BD6; box-shadow:4px 4px 4px  
4px #F49BD6 }
```

# Background

The CSS property to change the background color of an element to Hex F49BD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F49BD6 }
```

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

```
.background{ background-color:#F49BD6 }
```

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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