

# Converting Colors

Hex(FF5DAC)

Have a look what the booklet for  
Hex(FF5DAC) contains.

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**Color**

**Hex(F55DAC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF5DAC
RGB	255, 93, 172
RGB Percent	100%, 36%, 67%
CMY	0.0000, 0.6353, 0.3255
CMYK	0.00, 0.64, 0.33, 0.00
HSL	331°, 100%, 68%
HSV	331°, 64%, 100%
XYZ	52.6007, 32.0673, 42.4470
YIQ	150.4440, 71.1930, 58.9130

# Conversions

## Conversions Part 2

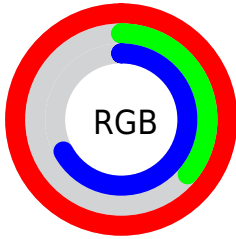
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 93, 172
Decimal	16735660
CIE <sub>Lab</sub>	63.40, 68.27, -9.21
CIE <sub>LCh</sub>	63, 68.891, 352.318
Yxy	32.0673, 0.4138, 0.2523
Android (android.graphics.Color)	4294925740 (0xFFFF5DAC)
YUV	150.4440, 10.6271, 91.6956
Hunter-Lab	56.6280, 66.7067, -4.8028

# Details

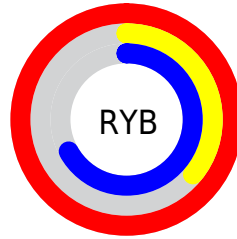
The Hex color **FF5DAC** is a light color, and the websafe version is hex **FF3399**. The color can be described as light muted rose. A complement of this color would be **5DFFB0**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FF97E3**, and **C21778** is the 20% darker color. If you saturate the color by 10%, you get **FF439F**, and if you desaturate by 10%, it is **FF77B9**.

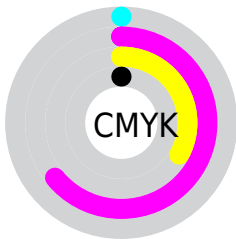
# Distribution



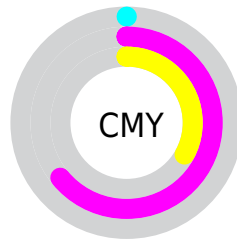
- Red (100%)
- Green (36%)
- Blue (67%)



- Red (100%)
- Yellow (36%)
- Blue (67%)



- Cyan (0%)
- Magenta (64%)
- Yellow (33%)
- Black (0%)



- Cyan (0%)
- Magenta (64%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF5DAC 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 FF5DAC by changing the saturation by 10% instead.



 FF5DAC

 FF5DAC

FFFFFF

 E03E91

 FF97E3

 C21778

 FFB4FF

 A4005F

 FFD2FF

 870047

 FFEFFF

 6A0031

 4E001C

 320002

 000000

 FF5DAC

 FF5DAC

 FF439F

 FF77B9

 FF2A92

 FF90C6

 FF1085

 FFAAD3

 FF007C

 FFC3E0

 FFDDDD

 FFF6FA

FFFFFF

# Harmonies

## Analogous

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



D474E5



FF5DAC



FF606F

# Triad

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



FF5DAC



8BA40E



00B1FA

# Complementary

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



FF5DAC



5DFFB0

# 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.



00B6C6



FF5DAC



35AF49

# Square

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



FF5DAC



C49100



00B587



00A5FF

# Rectangle

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



FF5DAC



FA6F49



00B587



00B4EB



# Sweetspot

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



FF5DAC



FFCFE6



AE5DFF



806270



000000



808080



# Same Dimension

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



FF5DAC



FF3D9C



FF5D5D



807379



BF005D



40001F



# Inverse Universe

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



FF5DAC



FF3D9C



5DFFFF



807379



BF005D



40001F



# Previews

## White Background



This preview shows how the Hex color FF5DAC looks on a white background.

## Color Contrast Check

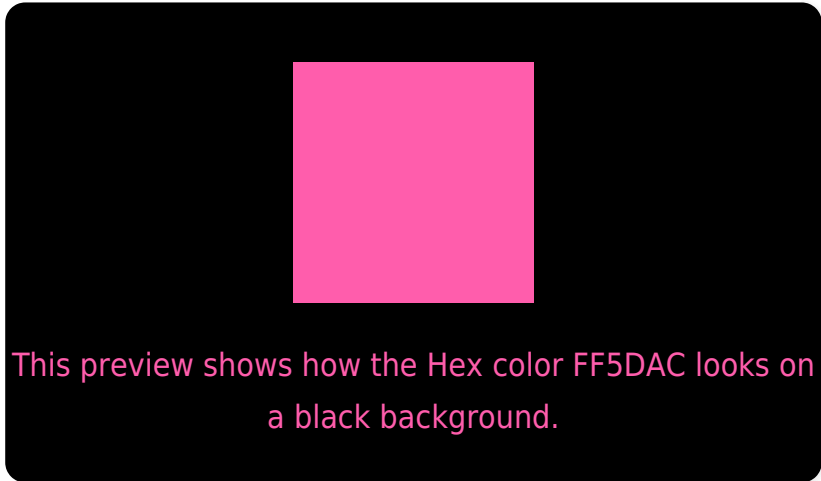
Large Text (above 18pt) WCAG AA × Fail

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 FF5DAC Background



This preview shows how black text looks on a background with the Hex color FF5DAC.

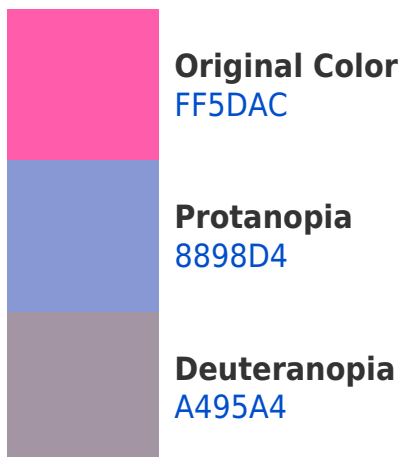


This preview shows how white text looks on a background with the Hex color FF5DAC.

# 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**  
FF5DAC



**Protanomaly**  
B383C5



**Deuteranomaly**  
C581A7



**Tritanomaly**  
FC6587

# Monochromacy



**Original Color**  
FF5DAC



**Achromatopsia**  
969696



**Achromatomaly**  
BC819E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF5DAC 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 #FF5DAC looks like.

```
.text, #text, p{  
    color:#FF5DAC  
}
```

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 #FF5DAC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF5DAC
}
```

## Border

The CSS property to change the border of an element to Hex FF5DAC 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
#FF5DAC }
```

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

```
.border{ border-color:#FF5DAC }
```

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

Here you see how a box with a 4 pixel #FF5DAC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF5DAC; -webkit-box-shadow:4px 4px  
4px 4px #FF5DAC; box-shadow:4px 4px 4px  
4px #FF5DAC }
```

# Background

The CSS property to change the background color of an element to Hex FF5DAC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF5DAC }
```

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

```
.background{ background-color:#FF5DAC }
```

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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