

# Converting Colors

Hex(FF5AC2)

Have a look what the booklet for  
Hex(FF5AC2) contains.

<b>Hex(FF5AC2)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(**FF5AC2**)

# Conversions

## Conversions Part 1

Format	Color
Hex	FF5AC2
RGB	255, 90, 194
RGB Percent	100%, 35%, 76%
CMY	0.0000, 0.6471, 0.2392
CMYK	0.00, 0.65, 0.24, 0.00
HSL	322°, 100%, 68%
HSV	322°, 65%, 100%
XYZ	54.6338, 32.4674, 54.4262
YIQ	151.1910, 64.9560, 67.3240

# Conversions

## Conversions Part 2

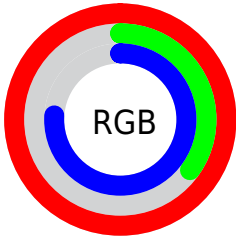
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 90, 194
Decimal	16734914
CIE <sub>Lab</sub>	63.73, 72.08, -21.26
CIE <sub>LCh</sub>	64, 75.149, 343.563
Yxy	32.4674, 0.3860, 0.2294
Android (android.graphics.Color)	4294924994 (0xFFFF5AC2)
YUV	151.1910, 21.1048, 91.0405
Hunter-Lab	56.9801, 71.4343, -16.7465

# Details

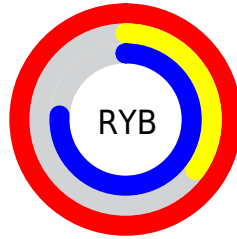
The Hex color **FF5AC2** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **5AFF97**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FF95FB**, and **C20B8C** is the 20% darker color. If you saturate the color by 10%, you get **FF41B9**, and if you desaturate by 10%, it is **FF74CB**.

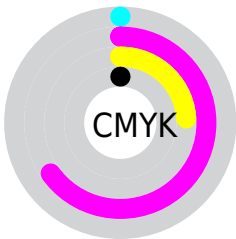
# Distribution



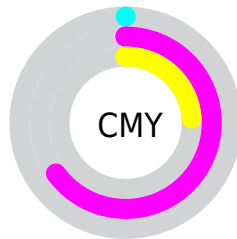
- Red (100%)
- Green (35%)
- Blue (76%)



- Red (100%)
- Yellow (35%)
- Blue (76%)



- Cyan (0%)
- Magenta (65%)
- Yellow (24%)
- Black (0%)



- Cyan (0%)
- Magenta (65%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF5AC2 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 FF5AC2 by changing the saturation by 10% instead.



 FF5AC2

 FF5AC2

FFFFFF

 E03AA7

 FF95FB

 C20B8C

 FFB2FF

 A50073

 FFD0FF

 87005A

 FFE0FF

 6B0042

 4F002C

 330017

 050000

 000000

 FF5AC2

 FF5AC2

 FF41B9

 FF74CB

 FF27AF

 FF8DD5

 FF0EA6

 FFA7DE

 FF00A1

 FFC0E8

 FFDAF1

 FFF3FB

FFFFFF

# Harmonies

## Analogous

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



C37AFC



FF5AC2



FF537F

# Triad

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



FF5AC2



9DA100



00B6F6

# Complementary

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



FF5AC2



5AFF97

# 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.



00B9B8



FF5AC2



4DAF2D

# Square

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



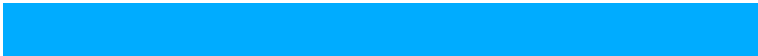
FF5AC2



D78A00



00B672



00ACFF

# Rectangle

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



FF5AC2



FF6154



00B672



00B8E3



# Sweetspot

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



FF5AC2



FFCFED



965AFF



806275



000000



808080



# Same Dimension

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



FF5AC2



FF38B5



FF5A70



80737B



BF0079



400028



# Inverse Universe

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



FF5AC2



FF38B5



5AFFE9



80737B



BF0079



400028



# Previews

## White Background



This preview shows how the Hex color FF5AC2 looks on a white background.

## Color Contrast Check

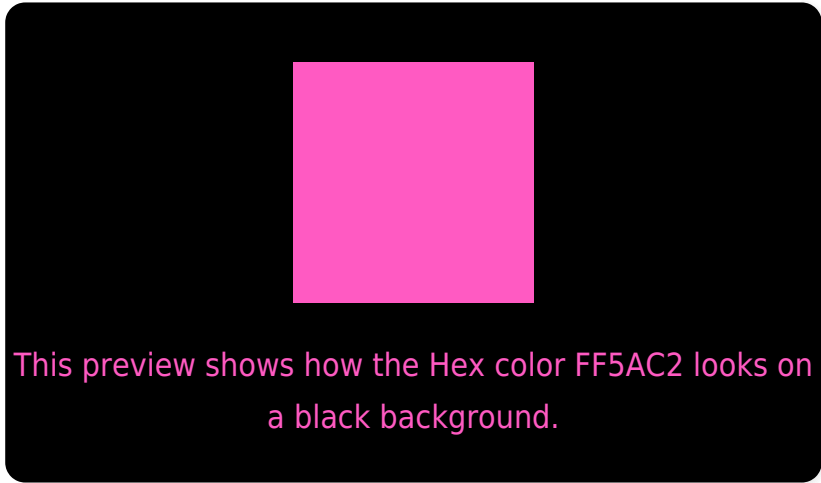
Large Text (above 18pt) WCAG AA × Fail

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 FF5AC2 Background



This preview shows how black text looks on a background with the Hex color FF5AC2.

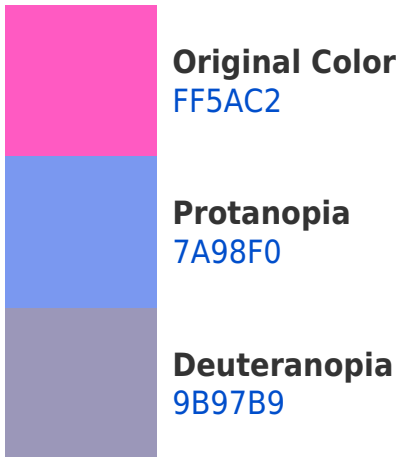


This preview shows how white text looks on a background with the Hex color FF5AC2.

# 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**  
F86E75

# Trichromacy



**Original Color**  
FF5AC2



**Protanomaly**  
AA81DF



**Deuteranomaly**  
BF81BC



**Tritanomaly**  
FB6791

# Monochromacy



**Original Color**  
FF5AC2



**Achromatopsia**  
979797



**Achromatomaly**  
BD81A7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF5AC2 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 #FF5AC2 looks like.

```
.text, #text, p{  
    color:#FF5AC2  
}
```

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 #FF5AC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF5AC2
}
```

## Border

The CSS property to change the border of an element to Hex FF5AC2 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
#FF5AC2 }
```

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

```
.border{ border-color:#FF5AC2 }
```

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

Here you see how a box with a 4 pixel #FF5AC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF5AC2; -webkit-box-shadow:4px 4px  
4px 4px #FF5AC2; box-shadow:4px 4px 4px  
4px #FF5AC2 }
```

# Background

The CSS property to change the background color of an element to Hex FF5AC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF5AC2 }
```

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

```
.background{ background-color:#FF5AC2 }
```

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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