

Converting Colors

Hex(FF5ACD)

Have a look what the booklet for
Hex(FF5ACD) contains.

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Color

Hex(F55ACD)

Conversions

Conversions Part 1

Format	Color
Hex	FF5ACD
RGB	255, 90, 205
RGB Percent	100%, 35%, 80%
CMY	0.0000, 0.6471, 0.1961
CMYK	0.00, 0.65, 0.20, 0.00
HSL	318°, 100%, 68%
HSV	318°, 65%, 100%
XYZ	55.9156, 32.9801, 61.1763
YIQ	152.4450, 61.4250, 70.7450

Conversions

Conversions Part 2

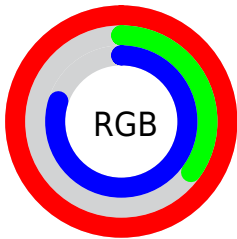
Format	Color
RYB	255, 90, 205
Decimal	16734925
CIELab	64.14, 73.50, -26.85
CIELCh	64, 78.255, 339.932
Yxy	32.9801, 0.3726, 0.2198
Android (android.graphics.Color)	4294925005 (0xFFFF5ACD)
YUV	152.4450, 25.9096, 89.9407
Hunter-Lab	57.4283, 73.2987, -22.9597

Details

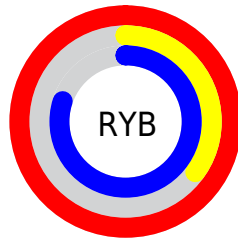
The Hex color **FF5ACD** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **5AFF8C**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FF95FF**, and **C20997** is the 20% darker color. If you saturate the color by 10%, you get **FF41C5**, and if you desaturate by 10%, it is **FF74D5**.

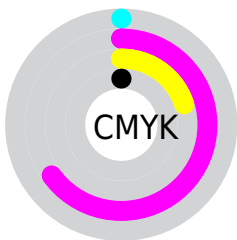
Distribution



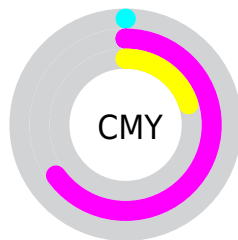
- Red (100%)
- Green (35%)
- Blue (80%)



- Red (100%)
- Yellow (35%)
- Blue (80%)



- Cyan (0%)
- Magenta (65%)
- Yellow (20%)
- Black (0%)



- Cyan (0%)
- Magenta (65%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF5ACD 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 FF5ACD by changing the saturation by 10% instead.

 FF5ACD

 FF5ACD

FFFFFF

 E13AB1

 FF95FF

 C20997

 FFB3FF

 A5007C

 FFD0FF

 880063

 FFE0FF

 6B004B

 4F0034

 34001E

 0D0000

 000000

 FF5ACD

 FF5ACD

 FF41C5

 FF74D5

 FF27BE

 FF8DDC

 FF0EB6

 FFA7E4

 FF00B2

 FFC0EC

 FFDAF4

 FFF3FB

FFFFFF

Harmonies

Analogous

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



BA7DFF



FF5ACD



FF4D87

Triad

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



FF5ACD



A6A000



00B9F4

Complementary

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



FF5ACD



5AFF8C

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.



00BBB2



FF5ACD



57B01D

Square

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



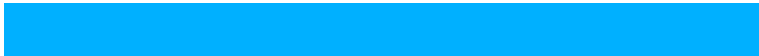
FF5ACD



E08600



00B868



00B0FF

Rectangle

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



FF5ACD



FF5B5A



00B868



00BAE0

Sweetspot

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



FF5ACD



FFCFF0



8B5AFF



806277



000000



808080

Same Dimension

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



FF5ACD



FF38C3



FF5A7B



80737C



BF0085



40002C

Inverse Universe

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



FF5ACD



FF38C3



5AFFDE



80737C



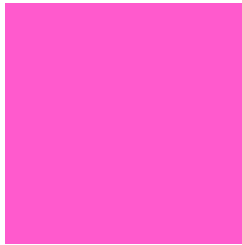
BF0085



40002C

Previews

White Background



This preview shows how the Hex color FF5ACD looks on a white background.

Color Contrast Check

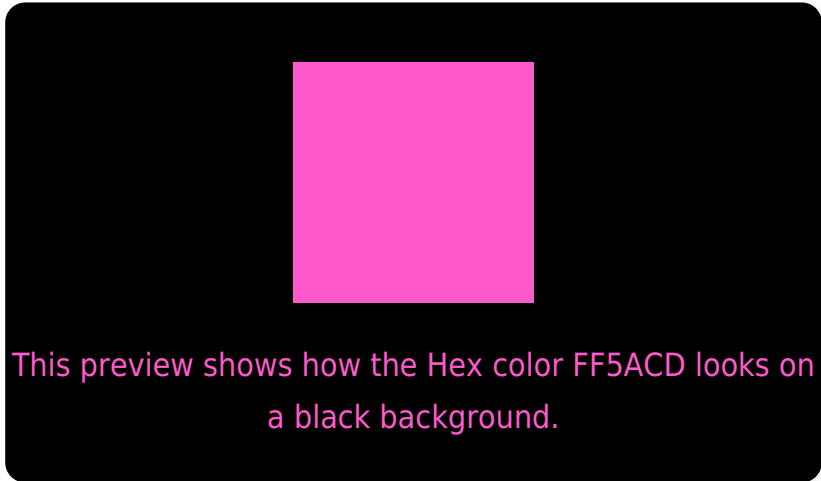
Large Text (above 18pt) WCAG AA × Fail

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 FF5ACD Background



This preview shows how black text looks on a background with the Hex color FF5ACD.



This preview shows how white text looks on a background with the Hex color FF5ACD.

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
F77078

Trichromacy



Original Color
FF5ACD



Protanomaly
A681EC



Deuteranomaly
BC82C7



Tritanomaly
FA6897

Monochromacy



Original Color
FF5ACD



Achromatopsia
989898



Achromatomaly
BD81AB

CSS Examples

Text

The CSS property to change the color of the text to Hex FF5ACD 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 #FF5ACD looks like.

```
.text, #text, p{  
    color:#FF5ACD  
}
```

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 #FF5ACD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF5ACD
}
```

Border

The CSS property to change the border of an element to Hex FF5ACD 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
#FF5ACD }
```

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

```
.border{ border-color:#FF5ACD }
```

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

Here you see how a box with a 4 pixel #FF5ACD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF5ACD; -webkit-box-shadow:4px 4px  
4px 4px #FF5ACD; box-shadow:4px 4px 4px  
4px #FF5ACD }
```

Background

The CSS property to change the background color of an element to Hex FF5ACD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF5ACD }
```

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

```
.background{ background-color:#FF5ACD }
```

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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