

Converting Colors

Hex(FF5FD0)

Have a look what the booklet for
Hex(FF5FD0) contains.

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Color

Hex(**FF5FD0**)

Conversions

Conversions Part 1

Format	Color
Hex	FF5FD0
RGB	255, 95, 208
RGB Percent	100%, 37%, 82%
CMY	0.0000, 0.6275, 0.1843
CMYK	0.00, 0.63, 0.18, 0.00
HSL	318°, 100%, 69%
HSV	318°, 63%, 100%
XYZ	56.7174, 33.9985, 63.2475
YIQ	155.7220, 59.0870, 69.0630

Conversions

Conversions Part 2

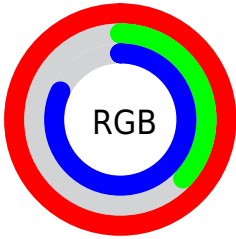
Format	Color
R_{YB}	255, 95, 208
Decimal	16736208
CIE _{Lab}	64.96, 71.98, -27.29
CIE _{LCh}	65, 76.976, 339.238
Yxy	33.9985, 0.3684, 0.2208
Android (android.graphics.Color)	4294926288 (0xFFFF5FD0)
YUV	155.7220, 25.7731, 87.0668
Hunter-Lab	58.3082, 71.5905, -23.4967

Details

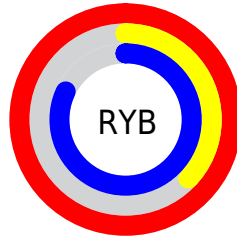
The Hex color **FF5FD0** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **5FFF8E**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FF9AFF**, and **C31899** is the 20% darker color. If you saturate the color by 10%, you get **FF45C9**, and if you desaturate by 10%, it is **FF79D7**.

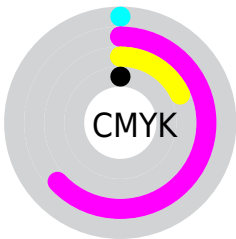
Distribution



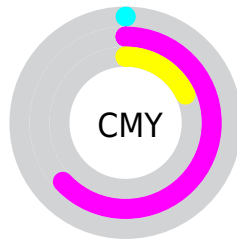
- Red (100%)
- Green (37%)
- Blue (82%)



- Red (100%)
- Yellow (37%)
- Blue (82%)



- Cyan (0%)
- Magenta (63%)
- Yellow (18%)
- Black (0%)



- Cyan (0%)
- Magenta (63%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF5FD0 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 FF5FD0 by changing the saturation by 10% instead.

 FF5FD0

 FF5FD0

FFFFFF

 E140B4

 FF9AFF

 C31899

 FFB7FF

 A5007F

 FFD5FF

 880066

 FFF2FF

 6C004E

 500036

 350021

 100004

 000000

 FF5FD0

 FF5FD0

 FF45C9

 FF79D7

 FF2CC1

 FF92DF

 FF12BA

 FFACE6

 FF00B4

 FFC5EE

 FFDF5

 FFF8FD

FFFFFF

Harmonies

Analogous

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



BA81FF



FF5FD0



FF528B

Triad

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



FF5FD0



AAA100



00BBF4

Complementary

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



FF5FD0



5FFF8E

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.



00DBB2



FF5FD0



5DB122

Square

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



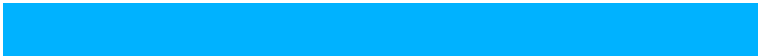
FF5FD0



E38800



00BA6A



00B2FF

Rectangle

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



FF5FD0



FF5E5F



00BA6A



00BCDF

Sweetspot

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



FF5FD0



FFCFF1



8C5FFF



806277



000000



808080

Same Dimension

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



FF5FD0



FF40C7



FF5F82



80737C



BF0087



40002D

Inverse Universe

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



FF5FD0



FF40C7



5FFFDC



80737C



BF0087



40002D

Previews

White Background



This preview shows how the Hex color FF5FD0 looks on a white background.

Color Contrast Check

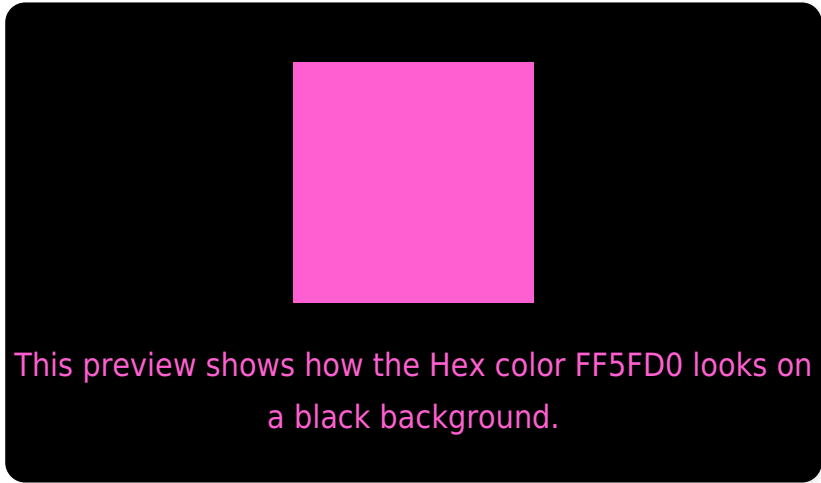
Large Text (above 18pt) WCAG AA × Fail

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 FF5FD0 Background



This preview shows how black text looks on a background with the Hex color FF5FD0.



This preview shows how white text looks on a background with the Hex color FF5FD0.

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
F7757D

Trichromacy



Original Color
FF5FD0



Protanomaly
A885EE



Deuteranomaly
BD85CA



Tritanomaly
FA6D9B

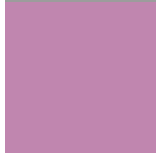
Monochromacy



Original Color
FF5FD0



Achromatopsia
9C9C9C



Achromatomaly
C086AF

CSS Examples

Text

The CSS property to change the color of the text to Hex FF5FD0 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 #FF5FD0 looks like.

```
.text, #text, p{  
    color:#FF5FD0  
}
```

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 #FF5FD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF5FD0
}
```

Border

The CSS property to change the border of an element to Hex FF5FD0 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
#FF5FD0 }
```

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

```
.border{ border-color:#FF5FD0 }
```

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

Here you see how a box with a 4 pixel #FF5FD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF5FD0; -webkit-box-shadow:4px 4px  
4px 4px #FF5FD0; box-shadow:4px 4px 4px  
4px #FF5FD0 }
```

Background

The CSS property to change the background color of an element to Hex FF5FD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF5FD0 }
```

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

```
.background{ background-color:#FF5FD0 }
```

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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