

Converting Colors

Hex(FF5DBF)

Have a look what the booklet for
Hex(FF5DBF) contains.

Hex(FF5DBF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(FF5DBF)

Conversions

Conversions Part 1

Format	Color
Hex	FF5DBF
RGB	255, 93, 191
RGB Percent	100%, 36%, 75%
CMY	0.0000, 0.6353, 0.2510
CMYK	0.00, 0.64, 0.25, 0.00
HSL	324°, 100%, 68%
HSV	324°, 64%, 100%
XYZ	54.5583, 32.8503, 52.7554
YIQ	152.6100, 65.0940, 64.8220

Conversions

Conversions Part 2

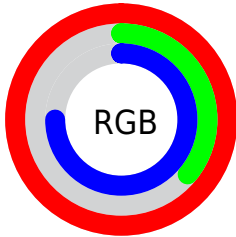
Format	Color
RYB	255, 93, 191
Decimal	16735679
CIELab	64.04, 70.54, -19.08
CIELCh	64, 73.076, 344.861
Yxy	32.8503, 0.3892, 0.2344
Android (android.graphics.Color)	4294925759 (0xFFFF5DBF)
YUV	152.6100, 18.9263, 89.7960
Hunter-Lab	57.3152, 69.6126, -14.4525

Details

The Hex color **FF5DBF** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **5DFF9D**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FF98F7**, and **C21589** is the 20% darker color. If you saturate the color by 10%, you get **FF43B5**, and if you desaturate by 10%, it is **FF77C9**.

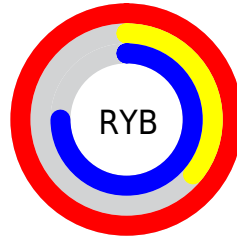
Distribution



Red (100%)

Green (36%)

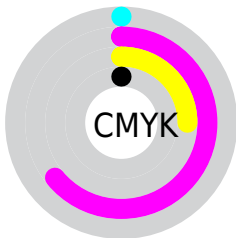
Blue (75%)



Red (100%)

Yellow (36%)

Blue (75%)

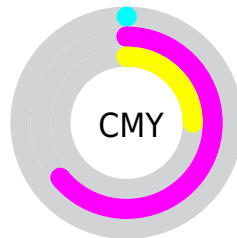


Cyan (0%)

Magenta (64%)

Yellow (25%)

Black (0%)



Cyan (0%)

Magenta (64%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF5DBF 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 FF5DBF by changing the saturation by 10% instead.

 FF5DBF

 FF5DBF

FFFFFF

 E03EA4

 FF98F7

 C21589

 FFB5FF

 A50070

 FFD2FF

 880057

 FFF0FF

 6B0040

 4F002A

 330014

 050000

 000000

■ FF5DBF

■ FF5DBF

■ FF43B5

■ FF77C9

■ FF2AAB

■ FF90D3

■ FF10A1

■ FFAADD

■ FF009A

■ FFC3E7

■ FFDDF1

■ FFF6FB

FFFFFF

Harmonies

Analogous

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



C67AF8



FF5DBF



FF587E

Triad

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



FF5DBF



9BA200



00B6F6

Complementary

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



FF5DBF



5DFF9D

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.



00B9BB



FF5DBF



4DB035

Square

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



FF5DBF



D58C00



00B777



00ACFF

Rectangle

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



FF5DBF



FF6654



00B777



00B8E4

Sweetspot

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



FF5DBF



FFCFEC



9B5DFF



806274



000000



808080

Same Dimension

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



FF5DBF



FF3DB2



FF5D70



80737A



BF0074



400027

Inverse Universe

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



FF5DBF



FF3DB2



5DFFEC



80737A



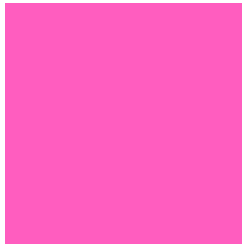
BF0074



400027

Previews

White Background



This preview shows how the Hex color FF5DBF looks on a white background.

Color Contrast Check

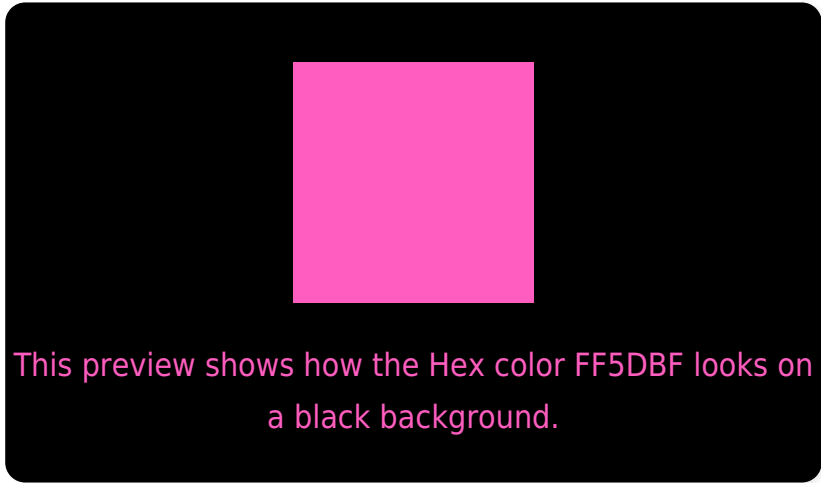
Large Text (above 18pt) WCAG AA × Fail

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 FF5DBF Background



This preview shows how black text looks on a background with the Hex color FF5DBF.



This preview shows how white text looks on a background with the Hex color FF5DBF.

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
F96F76

Trichromacy



Original Color
FF5DBF



Protanomaly
AE83DB



Deuteranomaly
C183B9



Tritanomaly
FB6891

Monochromacy



Original Color
FF5DBF



Achromatopsia
999999



Achromatomaly
BE83A7

CSS Examples

Text

The CSS property to change the color of the text to Hex FF5DBF 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 #FF5DBF looks like.

```
.text, #text, p{  
    color:#FF5DBF  
}
```

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 #FF5DBF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF5DBF
}
```

Border

The CSS property to change the border of an element to Hex FF5DBF 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
#FF5DBF }
```

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

```
.border{ border-color:#FF5DBF }
```

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

Here you see how a box with a 4 pixel #FF5DBF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF5DBF; -webkit-box-shadow:4px 4px  
4px 4px #FF5DBF; box-shadow:4px 4px 4px  
4px #FF5DBF }
```

Background

The CSS property to change the background color of an element to Hex FF5DBF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF5DBF }
```

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

```
.background{ background-color:#FF5DBF }
```

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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