

Converting Colors

Hex(FF5DB6)

Have a look what the booklet for
Hex(FF5DB6) contains.

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Color

Hex(F5DB6)

Conversions

Conversions Part 1

Format	Color
Hex	FF5DB6
RGB	255, 93, 182
RGB Percent	100%, 36%, 71%
CMY	0.0000, 0.6353, 0.2863
CMYK	0.00, 0.64, 0.29, 0.00
HSL	327°, 100%, 68%
HSV	327°, 64%, 100%
XYZ	53.5978, 32.4661, 47.6976
YIQ	151.5840, 67.9830, 62.0230

Conversions

Conversions Part 2

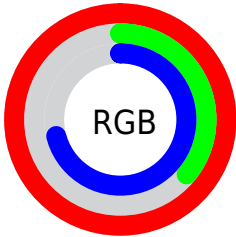
Format	Color
R _Y B	255, 93, 182
Decimal	16735670
CIE Lab	63.73, 69.44, -14.44
CIE LCh	64, 70.922, 348.256
Yxy	32.4661, 0.4007, 0.2427
Android (android.graphics.Color)	4294925750 (0xFFFF5DB6)
YUV	151.5840, 14.9951, 90.6958
Hunter-Lab	56.9790, 68.1944, -9.7468

Details

The Hex color **FF5DB6** 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 **5DFFA6**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FF97EE**, and **C21681** is the 20% darker color. If you saturate the color by 10%, you get **FF43AB**, and if you desaturate by 10%, it is **FF77C1**.

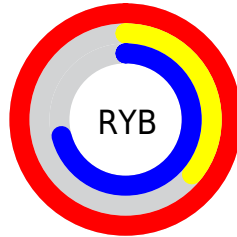
Distribution



Red (100%)

Green (36%)

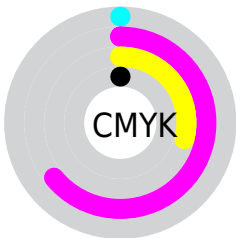
Blue (71%)



Red (100%)

Yellow (36%)

Blue (71%)

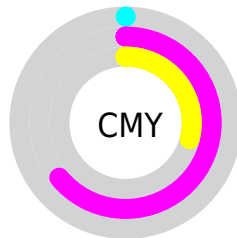


Cyan (0%)

Magenta (64%)

Yellow (29%)

Black (0%)



Cyan (0%)

Magenta (64%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF5DB6 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 FF5DB6 by changing the saturation by 10% instead.

 FF5DB6

 FF5DB6

FFFFFF

 E03E9B

 FF97EE

 C21681

 FFB5FF

 A50068

 FFD2FF

 870050

 FFF0FF

 6A0039

 4E0023

 33000B

 000000

 FF5DB6

 FF5DB6

 FF43AB

 FF77C1

 FF2A9F

 FF90CD

 FF1094

 FFAAD8

 FF008C

 FFC3E4

 FFDDEF

 FFF6FB

FFFFFF

Harmonies

Analogous

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



CD77EF



FF5DB6



FF5C77

Triad

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



FF5DB6



94A300



00B4F8

Complementary

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



FF5DB6



5DFFA6

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.



00B8C0



FF5DB6



43B03F

Square

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



FF5DB6



CD8E00



00B67E



00A9FF

Rectangle

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



FF5DB6



FF6A4F



00B67E



00B6E7

Sweetspot

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



FF5DB6



FFCFE9



A65DFF



806272



000000



808080

Same Dimension

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



FF5DB6



FF3DA8



FF5D65



80737A



BF0069



400023

Inverse Universe

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



FF5DB6



FF3DA8



5DFFF7



80737A



BF0069



400023

Previews

White Background



This preview shows how the Hex color FF5DB6 looks on a white background.

Color Contrast Check

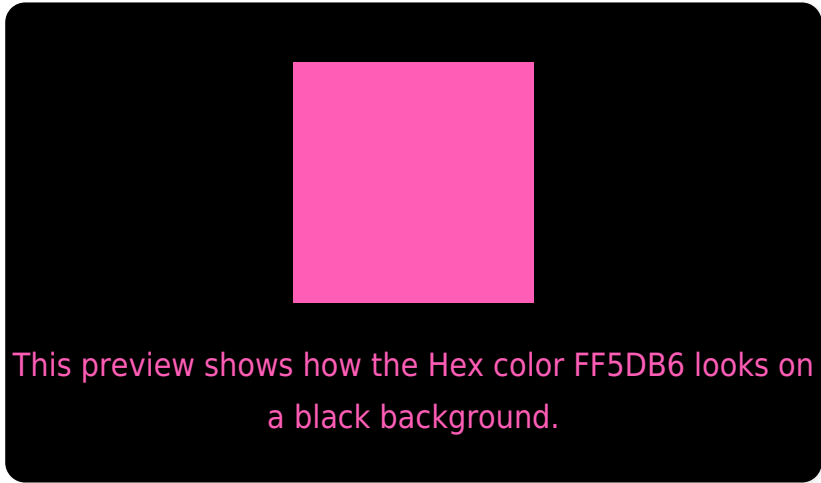
Large Text (above 18pt) WCAG AA × Fail

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 FF5DB6 Background



This preview shows how black text looks on a background with the Hex color FF5DB6.




This preview shows how white text looks on a background with the Hex color FF5DB6.

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
FA6D74

Trichromacy



Original Color
FF5DB6



Protanomaly
B183D1



Deuteranomaly
C382B0



Tritanomaly
FC678C

Monochromacy



Original Color
FF5DB6



Achromatopsia
989898



Achromatomaly
BD83A3

CSS Examples

Text

The CSS property to change the color of the text to Hex FF5DB6 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 #FF5DB6 looks like.

```
.text, #text, p{  
    color:#FF5DB6  
}
```

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 #FF5DB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF5DB6 }  
}
```

Border

The CSS property to change the border of an element to Hex FF5DB6 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 #FF5DB6 }  
}
```

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

```
.border{ border-color:#FF5DB6 }
```

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

Here you see how a box with a 4 pixel #FF5DB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF5DB6; -webkit-box-shadow:4px 4px  
4px 4px #FF5DB6; box-shadow:4px 4px 4px  
4px #FF5DB6 }
```

Background

The CSS property to change the background color of an element to Hex FF5DB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF5DB6 }
```

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

```
.background{ background-color:#FF5DB6 }
```

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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