

# Converting Colors

Hex(FD5FB6)

Have a look what the booklet for  
Hex(FD5FB6) contains.

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# Color

**Hex(FD5FB6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FD5FB6
RGB	253, 95, 182
RGB Percent	99%, 37%, 71%
CMY	0.0078, 0.6275, 0.2863
CMYK	0.00, 0.62, 0.28, 0.01
HSL	327°, 98%, 68%
HSV	327°, 62%, 99%
XYZ	53.0437, 32.4445, 47.7227
YIQ	152.1600, 66.2410, 60.5530

# Conversions

## Conversions Part 2

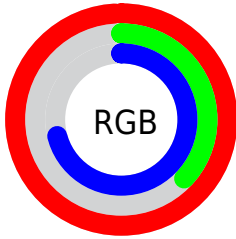
Format	Color
<a href="#">RYB</a>	<a href="#">253, 95, 182</a>
Decimal	<a href="#">16605110</a>
CIELab	<a href="#">63.71, 68.09, -14.49</a>
CIElCh	<a href="#">64, 69.611, 347.983</a>
Yxy	<a href="#">32.4445, 0.3982, 0.2436</a>
Android (android.graphics.Color)	<a href="#">4294795190</a> ( <a href="#">0xFFFD5FB6</a> )
YUV	<a href="#">152.1600, 14.7111, 88.4367</a>
Hunter-Lab	<a href="#">56.9600, 66.5470, -9.8027</a>

# Details

The Hex color **FD5FB6** 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 **5FFDA6**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FF99EE**, and **C01B81** is the 20% darker color. If you saturate the color by 10%, you get **FD46AB**, and if you desaturate by 10%, it is **FD78C1**.

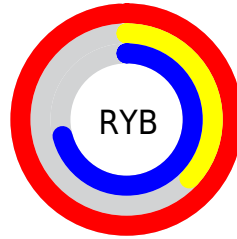
# Distribution



Red (99%)

Green (37%)

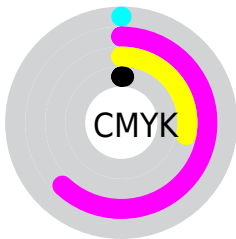
Blue (71%)



Red (99%)

Yellow (37%)

Blue (71%)

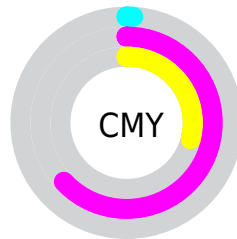


Cyan (0%)

Magenta (62%)

Yellow (28%)

Black (1%)



Cyan (1%)

Magenta (63%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FD5FB6 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 FD5FB6 by changing the saturation by 10% instead.



 FD5FB6

 FD5FB6

FFFFFF

 DE409B

 FF99EE

 C01B81

 FFB6FF

 A30068

 FFD3FF

 860050

 FFF1FF

 690039

 4D0023

 32000B

 000000

 FD5FB6

 FD5FB6

 FD46AB

 FD78C1

 FD2C9F

 FD92CD

 FD1394

 FDABD8

 FD008B

 FDC4E3

 FDDEEF

 FDF7FA

FDFFFF

# Harmonies

## Analogous

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



CB78EE



FD5FB6



FF5D78

# Triad

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



FD5FB6



95A300



00B4F6

# Complementary

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



FD5FB6



5FFDA6

# 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.



00B7BF



FD5FB6



47AF41

# Square

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



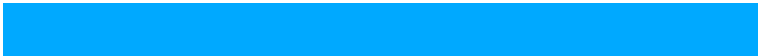
FD5FB6



CD8E04



00B67E



00A9FF

# Rectangle

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



FD5FB6



FF6B51



00B67E



00B5E5



# Sweetspot

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



FD5FB6



FFCFE9



A35FFD



806272



000000



808080



# Same Dimension

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



FD5FB6



FF40A9



FD5F6A



80737A



BF0069



400023



# Inverse Universe

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



FD5FB6



FF40A9



5FFDF2



80737A



BF0069



400023



# Previews

## White Background



This preview shows how the Hex color FD5FB6 looks on a white background.

## Color Contrast Check

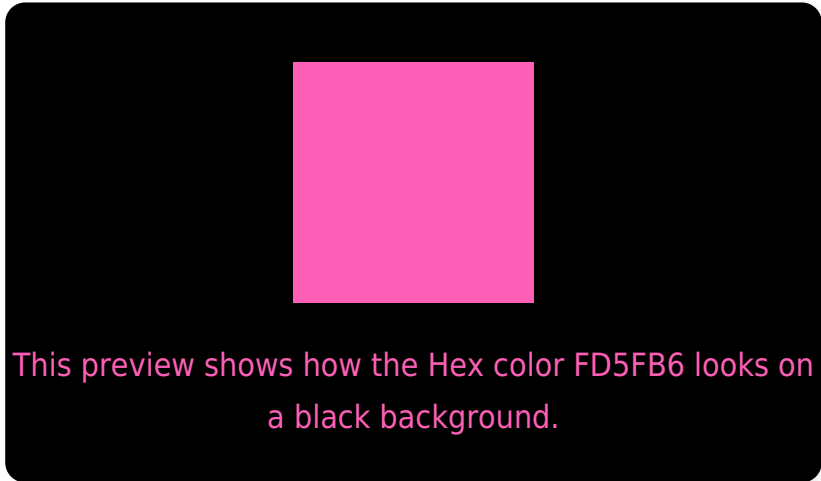
Large Text (above 18pt) WCAG AA × Fail

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 FD5FB6 Background



This preview shows how black text looks on a background with the Hex color FD5FB6.



This preview shows how white text looks on a background with the Hex color FD5FB6.

# 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**  
F86E76

# Trichromacy



**Original Color**  
FD5FB6



**Protanomaly**  
B083D0



**Deuteranomaly**  
C283B1



**Tritanomaly**  
FA698D

# Monochromacy



**Original Color**  
FD5FB6



**Achromatopsia**  
989898



**Achromatomaly**  
BD83A3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FD5FB6 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 #FD5FB6 looks like.

```
.text, #text, p{  
    color:#FD5FB6  
}
```

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 #FD5FB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD5FB6 }  
}
```

## Border

The CSS property to change the border of an element to Hex FD5FB6 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 #FD5FB6 }  
}
```

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

```
.border{ border-color:#FD5FB6 }
```

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

Here you see how a box with a 4 pixel #FD5FB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD5FB6; -webkit-box-shadow:4px 4px  
4px 4px #FD5FB6; box-shadow:4px 4px 4px  
4px #FD5FB6 }
```

# Background

The CSS property to change the background color of an element to Hex FD5FB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD5FB6 }
```

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

```
.background{ background-color:#FD5FB6 }
```

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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