

# Converting Colors

Hex(F5B8FF)

Have a look what the booklet for  
Hex(F5B8FF) contains.

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# **Color**

**Hex(F5B8FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5B8FF
RGB	245, 184, 255
RGB Percent	96%, 72%, 100%
CMY	0.0392, 0.2784, 0.0000
CMYK	0.04, 0.28, 0.00, 0.00
HSL	292°, 100%, 86%
HSV	292°, 28%, 100%
XYZ	72.8467, 60.9135, 102.5258
YIQ	210.3330, 13.5650, 35.0130

# Conversions

## Conversions Part 2

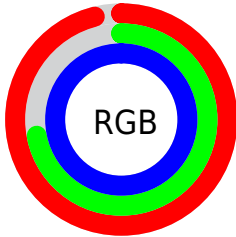
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	245, 184, 255
Decimal	16103679
CIE <sub>Lab</sub>	82.33, 33.73, -26.49
CIE <sub>LCh</sub>	82, 42.887, 321.852
Yxy	60.9135, 0.3083, 0.2578
Android (android.graphics.Color)	4294293759 (0xFFFF5B8FF)
YUV	210.3330, 22.0208, 30.4030
Hunter-Lab	78.0471, 30.0239, -23.2528

# Details

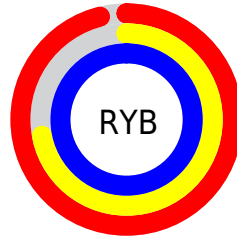
The Hex color **F5B8FF** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **C2FFB8**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **FFF1FF**, and **BC82C6** is the 20% darker color. If you saturate the color by 10%, you get **F19FFF**, and if you desaturate by 10%, it is **F9D2FF**.

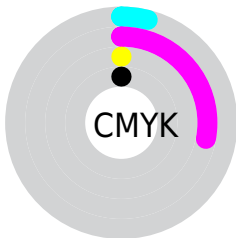
# Distribution



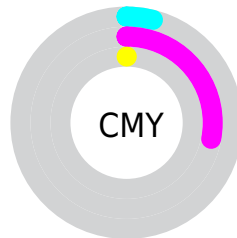
- Red (96%)
- Green (72%)
- Blue (100%)



- Red (96%)
- Yellow (72%)
- Blue (100%)



- Cyan (4%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)



- Cyan (4%)
- Magenta (28%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F5B8FF 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 F5B8FF by changing the saturation by 10% instead.



 F5B8FF

FFFFFF

 FFF1FF

 F5B8FF

 D89DE2

 BC82C6

 A068AB

 865090

 6B3776

 52205D

 3A0645

 24002F

 000119

 F5B8FF

 F5B8FF

 F19FFF

 F9D2FF

 EE85FF

 FCEBFF

 EA6BFF

FFFFFF

 E752FF

 E339FF

 DF1FFF

 DC06FF

 DB00FF

# Harmonies

## Analogous

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



C2C6FF



F5B8FF



FFAFDA

# Triad

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



F5B8FF



F1C77D



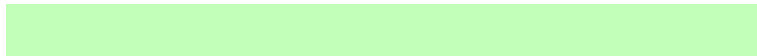
2DE2E9

# Complementary

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



F5B8FF



C2FFB8

# 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.



66E2C0



F5B8FF



CAD481

# Square

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



F5B8FF



FFB98F



9BDD9A



38DEFF

# Rectangle

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



F5B8FF



FFAEBE



9BDD9A



40E3DC



# Sweetspot

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



F5B8FF



FCEBFF



B8C3FF



7E7380



000000



808080



# Same Dimension

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



F5B8FF



F3ABFF



FFB8E6



7E7380



A400BF



370040



# Inverse Universe

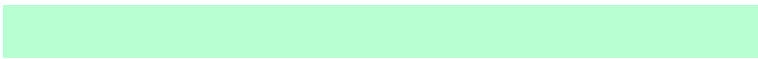
The Inverse Universe completely reimagines the original color for something new.



FFB8C2



FFABB7



B8FFD1



807375



BF001B

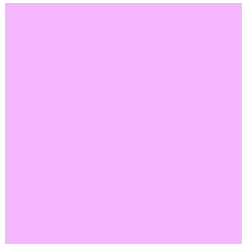


400009



# Previews

## White Background



This preview shows how the Hex color F5B8FF looks on a white background.

## Color Contrast Check

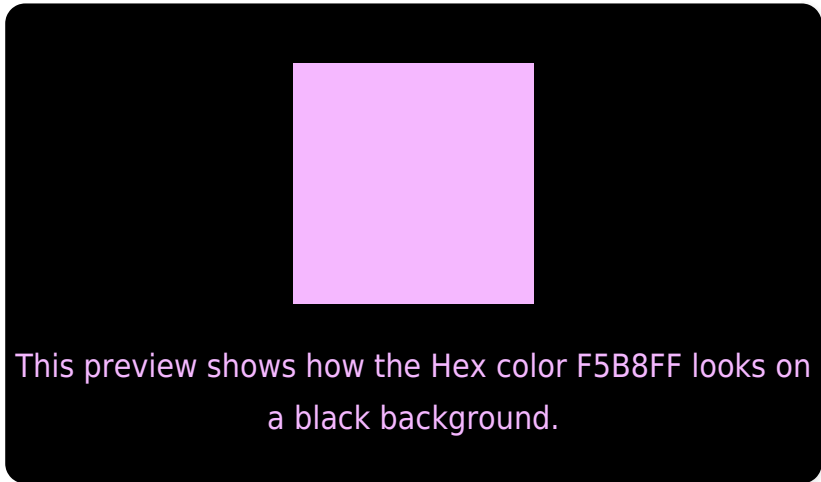
Large Text (above 18pt) WCAG AA × Fail

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

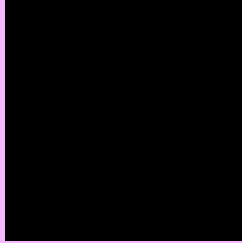
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex F5B8FF Background



This preview shows how black text looks on a background with the Hex color F5B8FF.



This preview shows how white text looks on a background with the Hex color F5B8FF.

# 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





# Trichromacy



**Original Color**  
F5B8FF



**Protanomaly**  
D3C4FF



**Deuteranomaly**  
D9C3FD

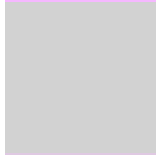


**Tritanomaly**  
F1BEE1

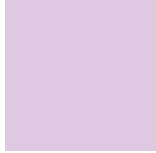
# Monochromacy



**Original Color**  
F5B8FF



**Achromatopsia**  
D2D2D2



**Achromatomaly**  
DFC9E2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F5B8FF 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 #F5B8FF looks like.

```
.text, #text, p{  
    color:#F5B8FF  
}
```

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 #F5B8FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F5B8FF
}
```

## Border

The CSS property to change the border of an element to Hex F5B8FF 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
#F5B8FF }
```

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

```
.border{ border-color:#F5B8FF }
```

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

Here you see how a box with a 4 pixel #F5B8FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F5B8FF; -webkit-box-shadow:4px 4px  
4px 4px #F5B8FF; box-shadow:4px 4px 4px  
4px #F5B8FF }
```

# Background

The CSS property to change the background color of an element to Hex F5B8FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F5B8FF }
```

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

```
.background{ background-color:#F5B8FF }
```

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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