

# Converting Colors

Hex(FF5BF5)

Have a look what the booklet for  
Hex(FF5BF5) contains.

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# **Color**

**Hex(F5BF5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF5BF5
RGB	255, 91, 245
RGB Percent	100%, 36%, 96%
CMY	0.0000, 0.6431, 0.0392
CMYK	0.00, 0.64, 0.04, 0.00
HSL	304°, 100%, 68%
HSV	304°, 64%, 100%
XYZ	61.4625, 35.3347, 89.9671
YIQ	157.5920, 48.3100, 82.6620

# Conversions

## Conversions Part 2

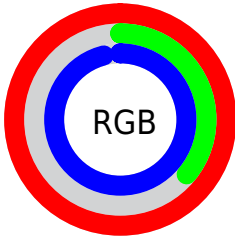
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 91, 245
Decimal	16735221
CIE <sub>Lab</sub>	66.01, 78.89, -46.28
CIE <sub>LCh</sub>	66, 91.463, 329.602
Yxy	35.3347, 0.3291, 0.1892
Android (android.graphics.Color)	4294925301 (0xFFFF5BF5)
YUV	157.5920, 43.0921, 85.4268
Hunter-Lab	59.4430, 80.5389, -48.1253

# Details

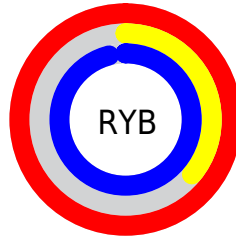
The Hex color **FF5BF5** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **5BFF65**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FF97FF**, and **C304BC** is the 20% darker color. If you saturate the color by 10%, you get **FF42F3**, and if you desaturate by 10%, it is **FF75F7**.

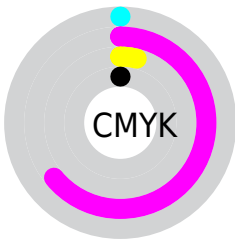
# Distribution



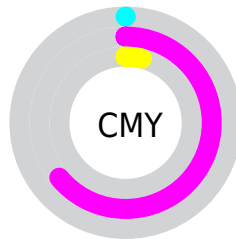
- Red (100%)
- Green (36%)
- Blue (96%)



- Red (100%)
- Yellow (36%)
- Blue (96%)



- Cyan (0%)
- Magenta (64%)
- Yellow (4%)
- Black (0%)



- Cyan (0%)
- Magenta (64%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF5BF5 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 FF5BF5 by changing the saturation by 10% instead.



 FF5BF5

 FF5BF5

FFFFFF

 E13AD8

 FF97FF

 C304BC

 FFB5FF

 A500A1

 FFD3FF

 880086

 FFF1FF

 6B006C

 4F0053

 34003B

 130024

 00000C

 FF5BF5

 FF5BF5

 FF42F3

 FF75F7

 FF28F2

 FF8EF8

 FF0FF0

 FFA8FA

 FF00EF

 FFC1FB

 FFDBFD

 FFF4FE

FFFFFF

# Harmonies

## Analogous

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



928BFF



FF5BF5



FF30A5

# Triad

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



FF5BF5



C39D00



00C3F0

# Complementary

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



FF5BF5



5BFF65

# 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.



00C39D



FF5BF5



70B300

# Square

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



FF5BF5



FF7A00



00BE46



00BDF5

# Rectangle

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



FF5BF5



FF3B6F



00BE46



00C4D6



# Sweetspot

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



FF5BF5



FFCFFC



635BFF



80627E



000000



808080



# Same Dimension

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



FF5BF5



FF3BF3



FF5BA5



80737F



BF00B4



40003C



# Inverse Universe

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



FF5BF5



FF3BF3



5BFFB5



80737F



BF00B4

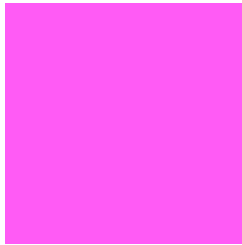


40003C



# Previews

## White Background



This preview shows how the Hex color FF5BF5 looks on a white background.

## Color Contrast Check

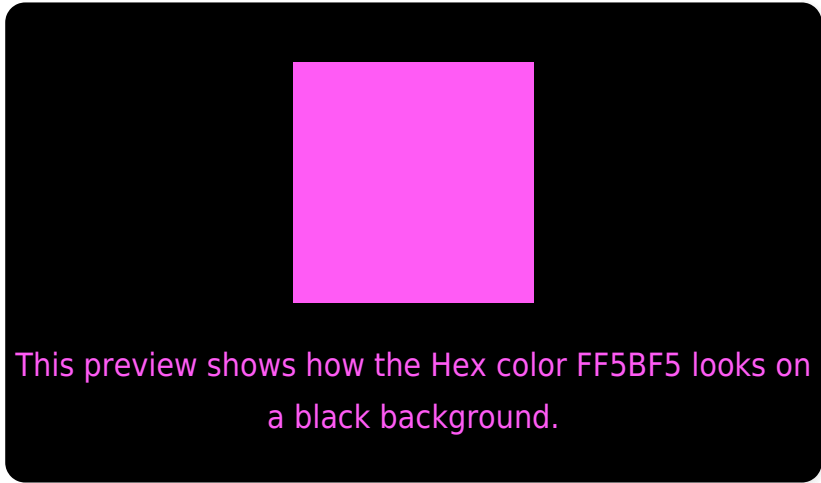
Large Text (above 18pt) WCAG AA × Fail

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 FF5BF5 Background



This preview shows how black text looks on a background with the Hex color FF5BF5.

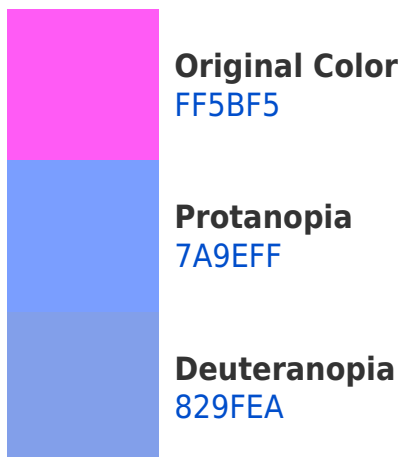


This preview shows how white text looks on a background with the Hex color FF5BF5.

# 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**  
F37C85

# Trichromacy



**Original Color**  
FF5BF5



**Protanomaly**  
AA86FB



**Deuteranomaly**  
AF86EE



**Tritanomaly**  
F770AE

# Monochromacy



**Original Color**  
FF5BF5



**Achromatopsia**  
9E9E9E



**Achromatomaly**  
C186BE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF5BF5 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 #FF5BF5 looks like.

```
.text, #text, p{  
    color:#FF5BF5  
}
```

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 #FF5BF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF5BF5
}
```

## Border

The CSS property to change the border of an element to Hex FF5BF5 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
#FF5BF5 }
```

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

```
.border{ border-color:#FF5BF5 }
```

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

Here you see how a box with a 4 pixel #FF5BF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF5BF5; -webkit-box-shadow:4px 4px  
4px 4px #FF5BF5; box-shadow:4px 4px 4px  
4px #FF5BF5 }
```

# Background

The CSS property to change the background color of an element to Hex FF5BF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF5BF5 }
```

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

```
.background{ background-color:#FF5BF5 }
```

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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