

# Converting Colors

Hex(FF5AE7)

Have a look what the booklet for  
Hex(FF5AE7) contains.

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# **Color**

**Hex(F55AE7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF5AE7
RGB	255, 90, 231
RGB Percent	100%, 35%, 91%
CMY	0.0000, 0.6471, 0.0941
CMYK	0.00, 0.65, 0.09, 0.00
HSL	309°, 100%, 68%
HSV	309°, 65%, 100%
XYZ	59.3200, 34.3419, 79.1034
YIQ	155.4090, 53.0790, 78.8310

# Conversions

## Conversions Part 2

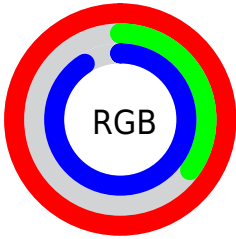
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	255, 90, 231
Decimal	16734951
CIE Lab	65.23, 77.15, -39.74
CIE LCh	65, 86.781, 332.748
Yxy	34.3419, 0.3434, 0.1988
Android (android.graphics.Color)	4294925031 (0xFFFF5AE7)
YUV	155.4090, 37.2664, 87.3413
Hunter-Lab	58.6019, 78.1338, -39.0109

# Details

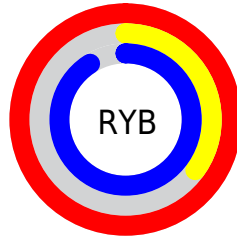
The Hex color **FF5AE7** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **5AFF72**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FF96FF**, and **C303AF** is the 20% darker color. If you saturate the color by 10%, you get **FF41E3**, and if you desaturate by 10%, it is **FF74EB**.

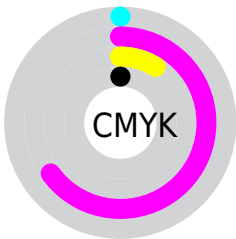
# Distribution



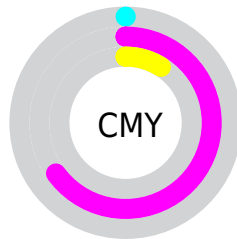
- Red (100%)
- Green (35%)
- Blue (91%)



- Red (100%)
- Yellow (35%)
- Blue (91%)



- Cyan (0%)
- Magenta (65%)
- Yellow (9%)
- Black (0%)



- Cyan (0%)
- Magenta (65%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF5AE7 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 FF5AE7 by changing the saturation by 10% instead.



 FF5AE7

FFFFFF

 FF96FF

 FFB4FF

 FFD1FF

 FFEFFF

 FF5AE7

 E139CB

 C303AF


 A50094

 88007A

 6B0060

 4F0048

 340031

 11001B

 000000

 FF5AE7

 FF5AE7

 FF41E3

 FF74EB

 FF27E0

 FF8DEE

 FF0EDC

 FFA7F2

 FF00DA

 FFC0F6

 FFDAFA

 FFF3FD

FFFFFF

# Harmonies

## Analogous

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



A186FF



FF5AE7



FF3B9B

# Triad

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



FF5AE7



B99E00



00C0F1

# Complementary

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



FF5AE7



5AFF72

# 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.



00C0A4



FF5AE7



68B100

# Square

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



FF5AE7



F57E00



00BC52



00B8FF

# Rectangle

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



FF5AE7



FF4868



00BC52



00C0D9



# Sweetspot

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



FF5AE7



FFCFF8



705AFF



80627B



000000



808080



# Same Dimension

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



FF5AE7



FF38E2



FF5A97



80737E



BF00A3



400036



# Inverse Universe

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



FF5AE7



FF38E2



5AFFC3



80737E



BF00A3



400036



# Previews

## White Background



This preview shows how the Hex color FF5AE7 looks on a white background.

## Color Contrast Check

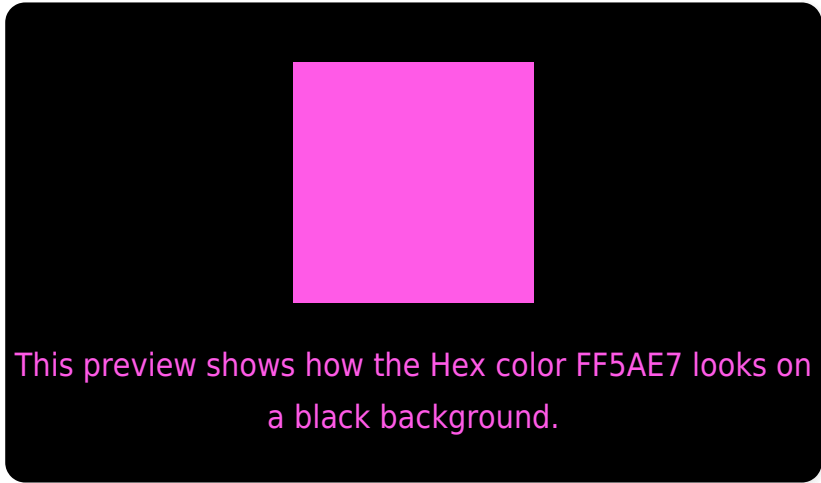
Large Text (above 18pt) WCAG AA × Fail

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 FF5AE7 Background



This preview shows how black text looks on a background with the Hex color FF5AE7.

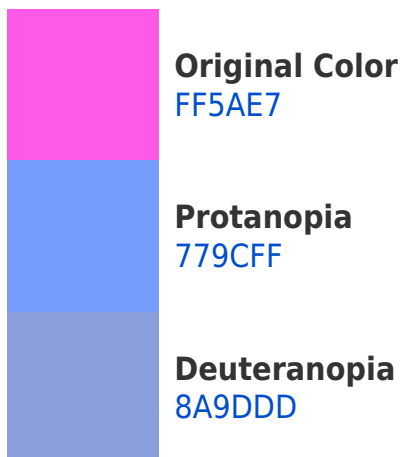


This preview shows how white text looks on a background with the Hex color FF5AE7.

# 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](#).

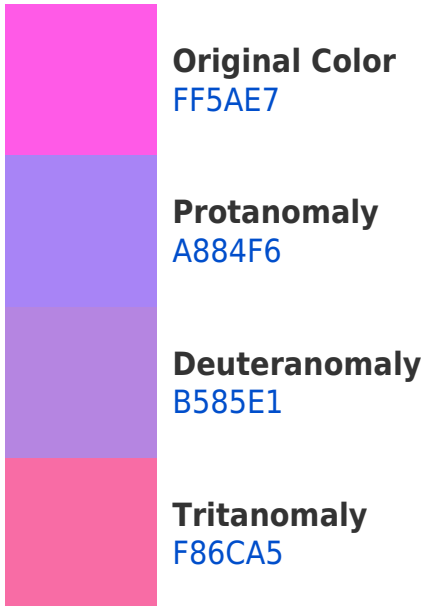
## Dichromacy



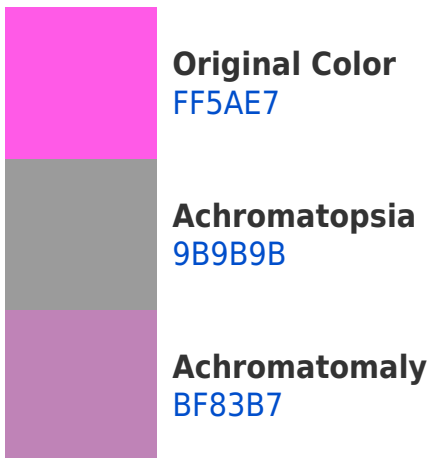


**Tritanopia**  
F47780

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF5AE7 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 #FF5AE7 looks like.

```
.text, #text, p{  
    color:#FF5AE7  
}
```

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 #FF5AE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF5AE7
}
```

## Border

The CSS property to change the border of an element to Hex FF5AE7 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
#FF5AE7 }
```

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

```
.border{ border-color:#FF5AE7 }
```

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

Here you see how a box with a 4 pixel #FF5AE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF5AE7; -webkit-box-shadow:4px 4px  
4px 4px #FF5AE7; box-shadow:4px 4px 4px  
4px #FF5AE7 }
```

# Background

The CSS property to change the background color of an element to Hex FF5AE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF5AE7 }
```

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

```
.background{ background-color:#FF5AE7 }
```

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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