

Converting Colors

Hex(FF5AFF)

Have a look what the booklet for
Hex(FF5AFF) contains.

Hex(FF5AFF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(**FF5AFF**)

Conversions

Conversions Part 1

Format	Color
Hex	FF5AFF
RGB	255, 90, 255
RGB Percent	100%, 35%, 100%
CMY	0.0000, 0.6471, 0.0000
CMYK	0.00, 0.65, 0.00, 0.00
HSL	300°, 100%, 68%
HSV	300°, 65%, 100%
XYZ	62.9462, 35.7923, 98.1987
YIQ	158.1450, 45.3750, 86.2950

Conversions

Conversions Part 2

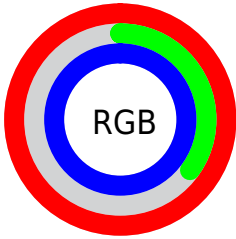
Format	Color
R _Y B	255, 90, 255
Decimal	16734975
CIE Lab	66.36, 80.82, -51.23
CIE LCh	66, 95.691, 327.631
Yxy	35.7923, 0.3196, 0.1817
Android (android.graphics.Color)	4294925055 (0xFFFF5AFF)
YUV	158.1450, 47.7495, 84.9418
Hunter-Lab	59.8267, 83.1106, -55.4391

Details

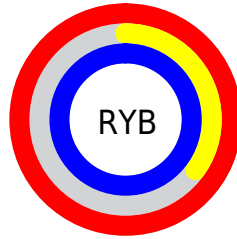
The Hex color **FF5AFF** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **5AFF5A**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FF97FF**, and **C300C6** is the 20% darker color. If you saturate the color by 10%, you get **FF41FF**, and if you desaturate by 10%, it is **FF74FF**.

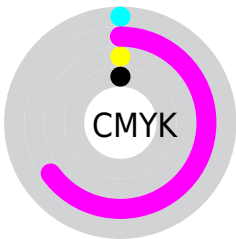
Distribution



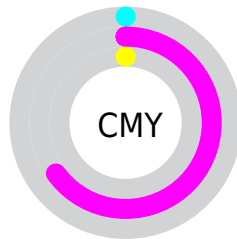
- Red (100%)
- Green (35%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients


These gradients show how the Hex color FF5AFF 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 FF5AFF by changing the saturation by 10% instead.

 FF5AFF

 FF5AFF

FFFFFF

 E138E2

 FF97FF

 C300C6

 FFB4FF

 A500AA

 FFD2FF

 88008F

 FFF0FF

 6B0075

 4E005B

 330043

 12002B

 000115

 #FF5AFF

 #FF5AFF

 #FF41FF

 #FF74FF

 #FF27FF

 #FF8DFF

 #FF0EFF

 #FFA7FF

 #FF00FF

 #FFC0FF

 #FFDAFF

 #FFF3FF

#FFFFFF

Harmonies

Analogous

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



838DFF



FF5AFF



FF21AC

Triad

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



FF5AFF



C99C00



00C6EF

Complementary

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



FF5AFF



5AFF5A

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.



00C598



FF5AFF



74B300

Square

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



FF5AFF



FF7500



00BF3B



00C0FF

Rectangle

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



FF5AFF



FF2C73



00BF3B



00C6D3

Sweetspot

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



FF5AFF



FFCFFF



5A5AFF



806280



000000



808080

Same Dimension

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



FF5AFF



FF38FF



FF5AAD



807380



BF00BF



400040

Inverse Universe

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



FF5AFF



FF38FF



5AFFAD



807380



BF00BF



400040

Previews

White Background



This preview shows how the Hex color FF5AFF looks on a white background.

Color Contrast Check

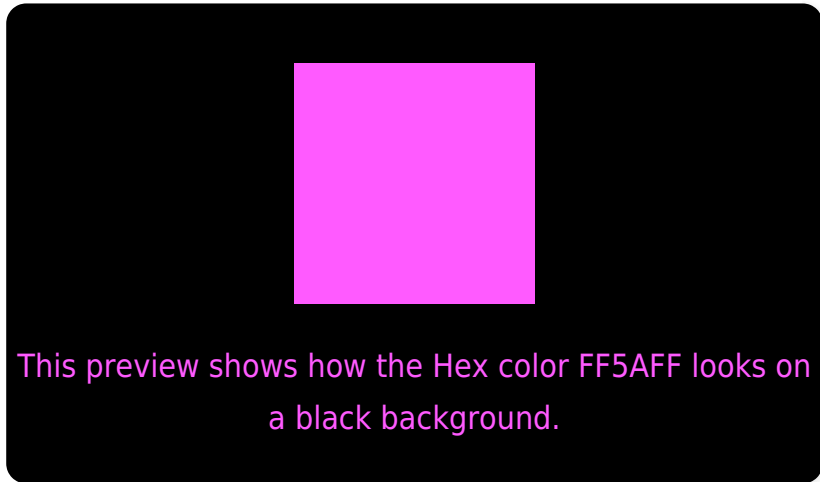
Large Text (above 18pt) WCAG AA × Fail

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

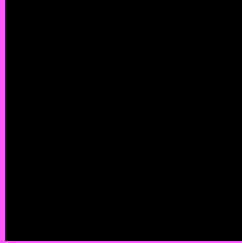
Any Text WCAG AA ✓ Pass

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 FF5AFF Background



This preview shows how black text looks on a background with the Hex color FF5AFF.

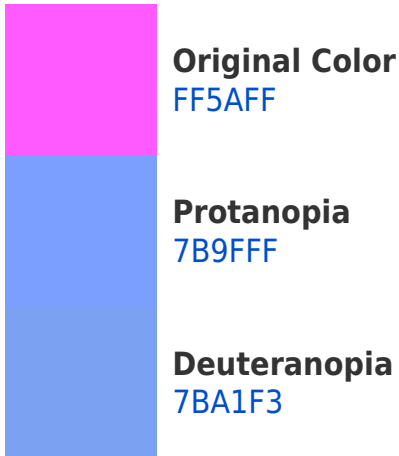


This preview shows how white text looks on a background with the Hex color FF5AFF.

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](#).

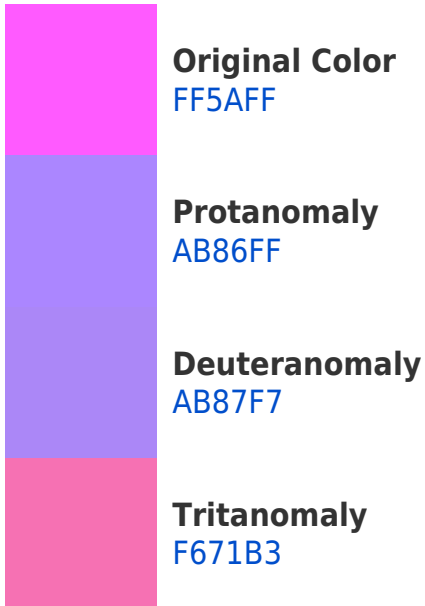
Dichromacy



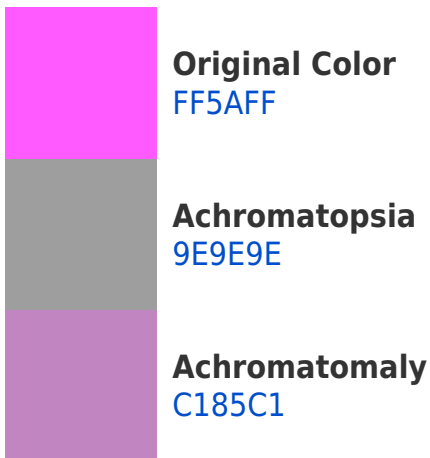


Tritanopia
F17E87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF5AFF 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 #FF5AFF looks like.

```
.text, #text, p{  
    color:#FF5AFF  
}
```

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 #FF5AFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF5AFF
}
```

Border

The CSS property to change the border of an element to Hex FF5AFF 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
#FF5AFF }
```

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

```
.border{ border-color:#FF5AFF }
```

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

Here you see how a box with a 4 pixel #FF5AFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF5AFF; -webkit-box-shadow:4px 4px  
4px 4px #FF5AFF; box-shadow:4px 4px 4px  
4px #FF5AFF }
```

Background

The CSS property to change the background color of an element to Hex FF5AFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF5AFF }
```

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

```
.background{ background-color:#FF5AFF }
```

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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