

Converting Colors

Hex(FF5AE8)

Have a look what the booklet for
Hex(FF5AE8) contains.

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Color

Hex(**FF5AE8**)

Conversions

Conversions Part 1

Format	Color
Hex	FF5AE8
RGB	255, 90, 232
RGB Percent	100%, 35%, 91%
CMY	0.0000, 0.6471, 0.0902
CMYK	0.00, 0.65, 0.09, 0.00
HSL	308°, 100%, 68%
HSV	308°, 65%, 100%
XYZ	59.4617, 34.3985, 79.8495
YIQ	155.5230, 52.7580, 79.1420

Conversions

Conversions Part 2

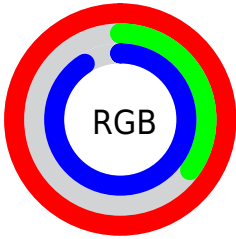
Format	Color
R _Y B	255, 90, 232
Decimal	16734952
CIE Lab	65.28, 77.30, -40.22
CIE LCh	65, 87.136, 332.508
Yxy	34.3985, 0.3423, 0.1980
Android (android.graphics.Color)	4294925032 (0xFFFF5AE8)
YUV	155.5230, 37.7032, 87.2413
Hunter-Lab	58.6503, 78.3315, -39.6653

Details

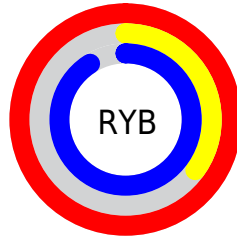
The Hex color **FF5AE8** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **5AFF71**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FF96FF**, and **C303B0** is the 20% darker color. If you saturate the color by 10%, you get **FF41E4**, and if you desaturate by 10%, it is **FF74EC**.

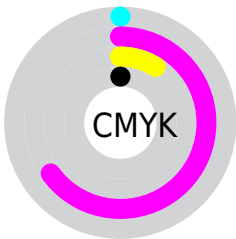
Distribution



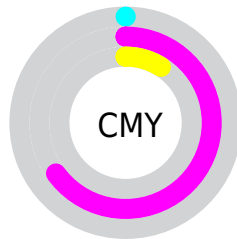
- Red (100%)
- Green (35%)
- Blue (91%)



- 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 FF5AE8 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 FF5AE8 by changing the saturation by 10% instead.

 FF5AE8

 FF5AE8

FFFFFF

 E139CC

 FF96FF

 C303B0

 FFB4FF

 A50095

 FFD1FF

 88007B

 FFEFFF

 6B0061

 4F0049

 340032

 11001B

 000000

 FF5AE8

 FF5AE8

 FF41E4

 FF74EC

 FF27E1

 FF8DEF

 FF0EDD

 FFA7F3

 FF00DB

 FFC0F6

 FFDAFA

 FFF3FD

FFFFFF

Harmonies

Analogous

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



A086FF



FF5AE8



FF3B9B

Triad

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



FF5AE8



B99E00



00C0F1

Complementary

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



FF5AE8



5AFF71

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.



00C0A3



FF5AE8



69B100

Square

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



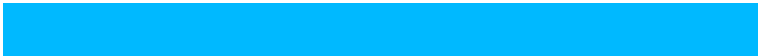
FF5AE8



F67E00



00BC51



00B9FF

Rectangle

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



FF5AE8



FF4768



00BC51



00C0D8

Sweetspot

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



FF5AE8



FFCFF8



705AFF



80627B



000000



808080

Same Dimension

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



FF5AE8



FF38E3



FF5A97



80737E



BF00A5



400037

Inverse Universe

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



FF5AE8



FF38E3



5AFFC3



80737E



BF00A5



400037

Previews

White Background



This preview shows how the Hex color FF5AE8 looks on a white background.

Color Contrast Check

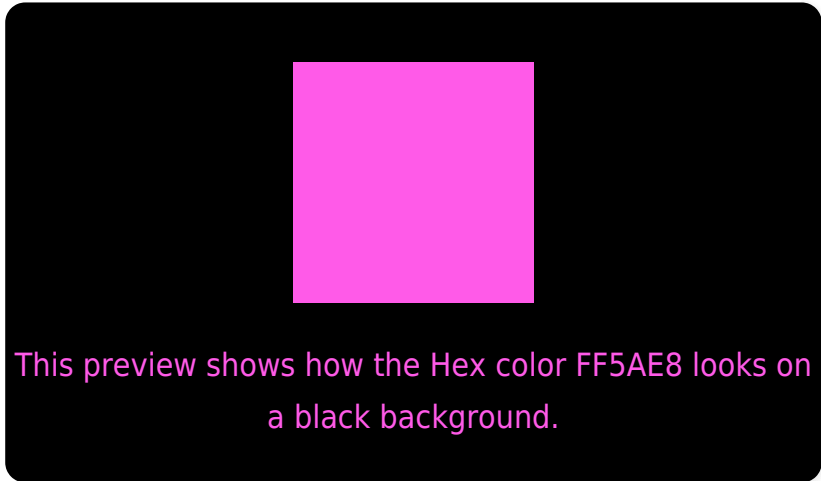
Large Text (above 18pt) WCAG AA × Fail

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 FF5AE8 Background



This preview shows how black text looks on a background with the Hex color FF5AE8.

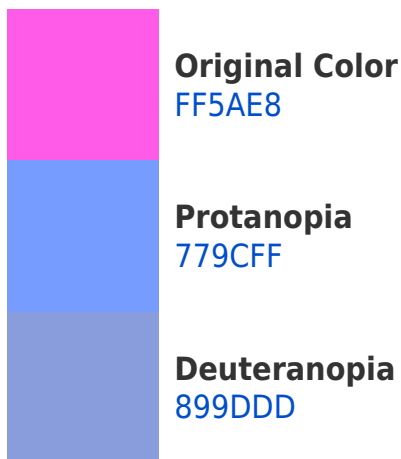


This preview shows how white text looks on a background with the Hex color FF5AE8.

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



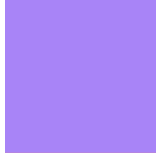


Tritanopia
F47880

Trichromacy



Original Color
FF5AE8



Protanomaly
A884F7



Deuteranomaly
B485E1



Tritanomaly
F86DA6

Monochromacy



Original Color
FF5AE8



Achromatopsia
9C9C9C



Achromatomaly
C084B8

CSS Examples

Text

The CSS property to change the color of the text to Hex FF5AE8 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 #FF5AE8 looks like.

```
.text, #text, p{  
    color:#FF5AE8  
}
```

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 #FF5AE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF5AE8
}
```

Border

The CSS property to change the border of an element to Hex FF5AE8 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
#FF5AE8 }
```

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

```
.border{ border-color:#FF5AE8 }
```

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

Here you see how a box with a 4 pixel #FF5AE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF5AE8; -webkit-box-shadow:4px 4px  
4px 4px #FF5AE8; box-shadow:4px 4px 4px  
4px #FF5AE8 }
```

Background

The CSS property to change the background color of an element to Hex FF5AE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF5AE8 }
```

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

```
.background{ background-color:#FF5AE8 }
```

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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