

# Converting Colors

Hex(F2AAFD)

Have a look what the booklet for  
Hex(F2AAFD) contains.

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# Color

Hex(F2AAFD)

# Conversions

## Conversions Part 1

Format	Color
Hex	F2AAFD
RGB	242, 170, 253
RGB Percent	95%, 67%, 99%
CMY	0.0510, 0.3333, 0.0078
CMYK	0.04, 0.33, 0.00, 0.01
HSL	292°, 95%, 83%
HSV	292°, 33%, 99%
XYZ	68.7223, 54.7185, 99.8682
YIQ	200.9900, 16.2690, 41.0770

# Conversions

## Conversions Part 2

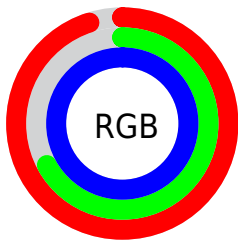
Format	Color
R <sub>Y</sub> B	242, 170, 253
Decimal	15903485
CIE Lab	78.88, 39.81, -30.74
CIE LCh	79, 50.294, 322.328
Yxy	54.7185, 0.3077, 0.2450
Android (android.graphics.Color)	4294093565 (0xFFF2AAFD)
YUV	200.9900, 25.6409, 35.9658
Hunter-Lab	73.9720, 36.3811, -28.2659

# Details

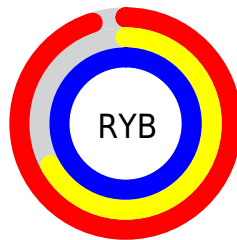
The Hex color **F2AAFD** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **B5FDAA**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FFE2FF**, and **B975C4** is the 20% darker color. If you saturate the color by 10%, you get **EF91FD**, and if you desaturate by 10%, it is **F5C3FD**.

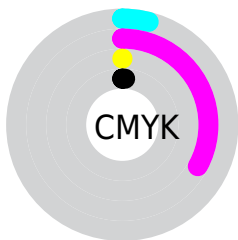
# Distribution



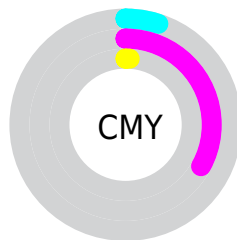
- Red (95%)
- Green (67%)
- Blue (99%)



- Red (95%)
- Yellow (67%)
- Blue (99%)



- Cyan (4%)
- Magenta (33%)
- Yellow (0%)
- Black (1%)



- Cyan (5%)
- Magenta (33%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F2AAFD 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 F2AAFD by changing the saturation by 10% instead.



 F2AAFD

 F2AAFD

FFFFFF

 D58FE0

 FFE2FF

 B975C4

 9D5BA9

 82428E

 682974

 4E0E5B

 350043

 21002D

 000117

 F2AAFD

 F2AAFD

 EF91FD

 F5C3FD

 EB77FD

 F9DDFD

 E85EFD

 FCF6FD

 E545FD

FFFFFFD

 E12CFD

 DE12FD

 DB00FD

# Harmonies

## Analogous

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



B5BCFF



F2AAFD



FF9ED1

# Triad

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



F2AAFD



EBBC65



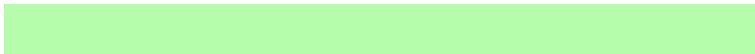
00DBE5

# Complementary

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



F2AAFD



B5FDAA

# 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.



37DBB5



F2AAFD



BDCB6A

# Square

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



F2AAFD



FFAC7B



86D688



00D6FF

# Rectangle

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



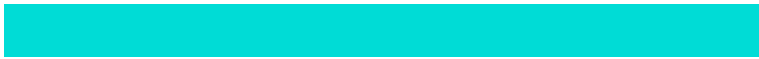
F2AAFD



FF9DB2



86D688



00DCD6



# Sweetspot

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



F2AAFD



FCE6FF



AAB5FD



7D7080



000000



808080



# Same Dimension

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



F2AAFD



F29CFF



FDAADF



7E7380



A600BF



370040



# Inverse Universe

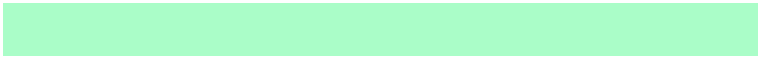
The Inverse Universe completely reimagines the original color for something new.



FDAAB5



FF9CA9



AAFDC8



807374



BF0019



400008



# Previews

## White Background



This preview shows how the Hex color F2AAFD looks on a white background.

## Color Contrast Check

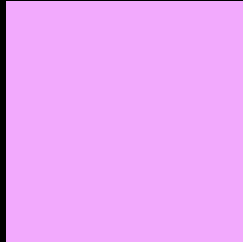
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color F2AAFD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

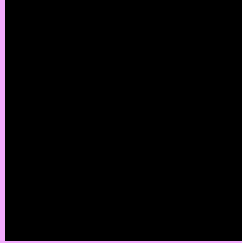
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex F2AAFD Background



This preview shows how black text looks on a background with the Hex color F2AAFD.



This preview shows how white text looks on a background with the Hex color F2AAFD.

# 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**  
EAB5C3

# Trichromacy



**Original Color**  
F2AAFD



**Protanomaly**  
C9B9FE



**Deuteranomaly**  
CFB8FA



**Tritanomaly**  
EDB1D8

# Monochromacy



**Original Color**  
F2AAFD



**Achromatopsia**  
C9C9C9



**Achromatomaly**  
D8BEDC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F2AAFD 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 #F2AAFD looks like.

```
.text, #text, p{  
    color:#F2AAFD  
}
```

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 #F2AAFD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F2AAFD
}
```

## Border

The CSS property to change the border of an element to Hex F2AAFD 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
#F2AAFD }
```

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

```
.border{ border-color:#F2AAFD }
```

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

Here you see how a box with a 4 pixel #F2AAFD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F2AAFD; -webkit-box-shadow:4px 4px  
4px 4px #F2AAFD; box-shadow:4px 4px 4px  
4px #F2AAFD }
```

# Background

The CSS property to change the background color of an element to Hex F2AAFD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F2AAFD }
```

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

```
.background{ background-color:#F2AAFD }
```

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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