

# Converting Colors

Hex(F3AAEB)

Have a look what the booklet for  
Hex(F3AAEB) contains.

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# **Color**

**Hex(F3AAEB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F3AAEB
RGB	243, 170, 235
RGB Percent	95%, 67%, 92%
CMY	0.0471, 0.3333, 0.0784
CMYK	0.00, 0.30, 0.03, 0.05
HSL	307°, 75%, 81%
HSV	307°, 30%, 95%
XYZ	66.3323, 53.8023, 85.4861
YIQ	199.2370, 22.6430, 35.6910

# Conversions

## Conversions Part 2

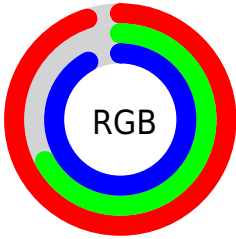
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	243, 170, 235
Decimal	15969003
CIE Lab	78.35, 36.84, -21.84
CIE LCh	78, 42.827, 329.340
Yxy	53.8023, 0.3226, 0.2617
Android (android.graphics.Color)	4294159083 (0xFFF3AAEB)
YUV	199.2370, 17.6312, 38.3802
Hunter-Lab	73.3500, 33.0594, -17.7547

# Details

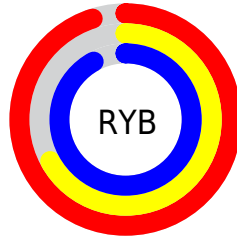
The Hex color **F3AAEB** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **AAF3B2**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **FFE2FF**, and **BA75B3** is the 20% darker color. If you saturate the color by 10%, you get **F392E8**, and if you desaturate by 10%, it is **F3C2EE**.

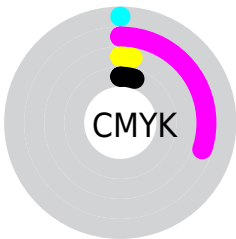
# Distribution



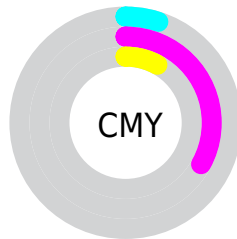
- Red (95%)
- Green (67%)
- Blue (92%)



- Red (95%)
- Yellow (67%)
- Blue (92%)



- Cyan (0%)
- Magenta (30%)
- Yellow (3%)
- Black (5%)



- Cyan (5%)
- Magenta (33%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F3AAEB 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 F3AAEB by changing the saturation by 10% instead.



 F3AAEB

 F3AAEB

FFFFFF

 D68FCF

 FFE2FF

 BA75B3

 9E5B98

 83427E

 692A65

 50104D

 370036

 230021

 000004

 F3AAEB

 F3AAEB

 F392E8

 F3C2EE

 F379E6

 F3DBF0

 F361E3

 F3F3F3

 F349E0

 F3FFF6

 F331DE

 F3FFF8

 F318DB

 F3FFFB

 F300D8

 F3FFFE

 F3FFFF

# Harmonies

## Analogous

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



C5B8FF



F3AAEB



FFA3C4

# Triad

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



F3AAEB



DCBF71



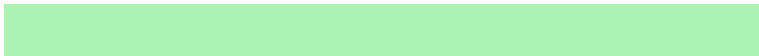
00D6E7

# Complementary

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



F3AAEB



AAF3B2

# 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.



4BD7C0



F3AAEB



B3CB7B

# Square

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



F3AAEB



FCB17E



84D398



37D1FF

# Rectangle

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



F3AAEB



FFA4A9



84D398



16D7DB



# Sweetspot

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



F3AAEB



FFE8FC



B1AAF3



80717E



000000



808080



# Same Dimension

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



F3AAEB



FFA3F5



F3AAC7



7A6E79



BA00A6



3B0034



# Inverse Universe

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



F3AAEB



FFA3F5



AAF3D6



7A6E79



BA00A6

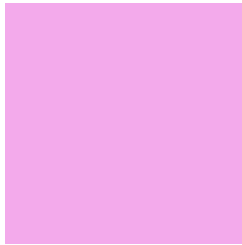


3B0034



# Previews

## White Background



This preview shows how the Hex color F3AAEB looks on a white background.

## Color Contrast Check

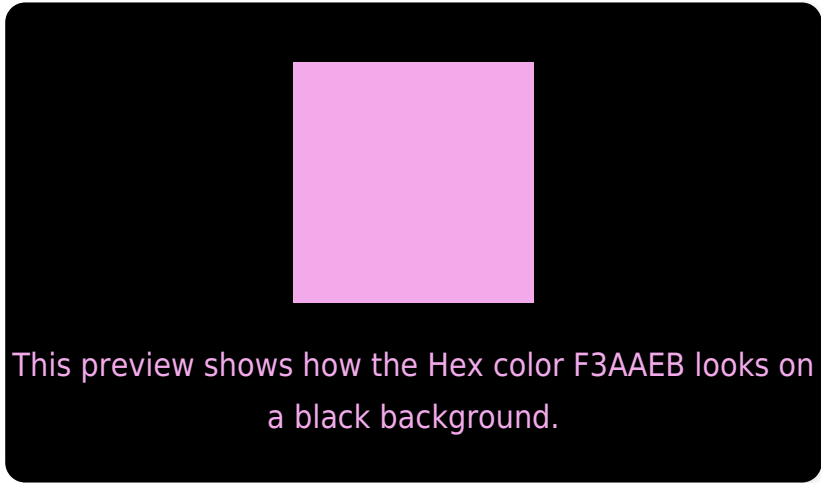
Large Text (above 18pt) WCAG AA × Fail

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

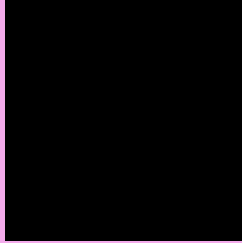
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex F3AAEB Background



This preview shows how black text looks on a background with the Hex color F3AAEB.

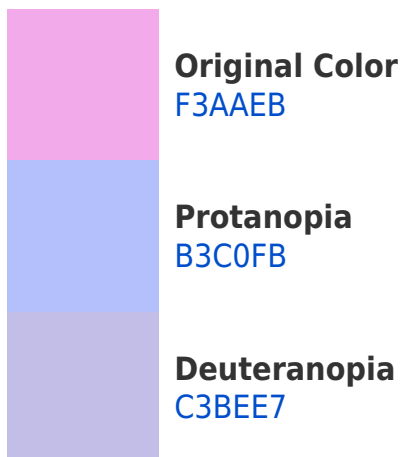


This preview shows how white text looks on a background with the Hex color F3AAEB.

# 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





# Trichromacy



**Original Color**  
F3AAEB



**Protanomaly**  
CAB8F5



**Deuteranomaly**  
D4B7E8

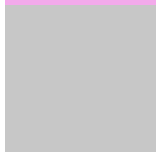


**Tritanomaly**  
EFAFD0

# Monochromacy



**Original Color**  
F3AAEB



**Achromatopsia**  
C7C7C7



**Achromatomaly**  
D7BCD4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F3AAEB 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 #F3AAEB looks like.

```
.text, #text, p{  
    color:#F3AAEB  
}
```

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 #F3AAEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F3AAEB
}
```

## Border

The CSS property to change the border of an element to Hex F3AAEB 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
#F3AAEB }
```

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

```
.border{ border-color:#F3AAEB }
```

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

Here you see how a box with a 4 pixel #F3AAEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F3AAEB; -webkit-box-shadow:4px 4px  
4px 4px #F3AAEB; box-shadow:4px 4px 4px  
4px #F3AAEB }
```

# Background

The CSS property to change the background color of an element to Hex F3AAEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F3AAEB }
```

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

```
.background{ background-color:#F3AAEB }
```

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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