

# Converting Colors

Hex(FAB8DD)

Have a look what the booklet for  
Hex(FAB8DD) contains.

<b>Hex(FAB8DD)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(FAB8DD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FAB8DD
RGB	250, 184, 221
RGB Percent	98%, 72%, 87%
CMY	0.0196, 0.2784, 0.1333
CMYK	0.00, 0.26, 0.12, 0.02
HSL	326°, 87%, 85%
HSV	326°, 26%, 98%
XYZ	69.6160, 59.8254, 76.2849
YIQ	207.9520, 27.4590, 25.4990

# Conversions

## Conversions Part 2

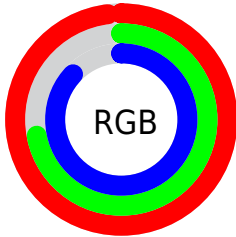
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	250, 184, 221
Decimal	16431325
CIE <sub>Lab</sub>	81.74, 29.40, -9.11
CIE <sub>LCh</sub>	82, 30.778, 342.783
Yxy	59.8254, 0.3384, 0.2908
Android (android.graphics.Color)	4294621405 (0xFFFA8DD)
YUV	207.9520, 6.4327, 36.8761
Hunter-Lab	77.3469, 25.3016, -4.3331

# Details

The Hex color **FAB8DD** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **B8FAD5**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **FFF0FF**, and **C182A6** is the 20% darker color. If you saturate the color by 10%, you get **FA9FD2**, and if you desaturate by 10%, it is **FAD1E8**.

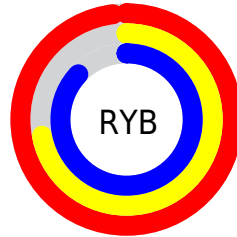
# Distribution



Red (98%)

Green (72%)

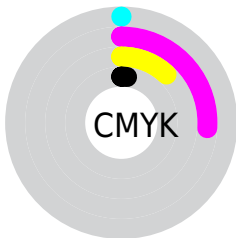
Blue (87%)



Red (98%)

Yellow (72%)

Blue (87%)

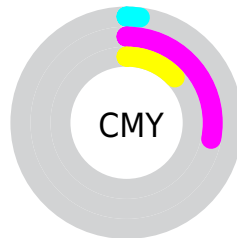


Cyan (0%)

Magenta (26%)

Yellow (12%)

Black (2%)



Cyan (2%)

Magenta (28%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FAB8DD 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 FAB8DD by changing the saturation by 10% instead.



 FAB8DD

 FAB8DD

FFFFFF

 DD9DC1

 FFF0FF

 C182A6

 A5698C

 8A5072

 70385A

 562042

 3E082C

 290018

 000000

 FAB8DD

 FAB8DD

 FA9FD2

 FAD1E8

 FA86C7

 FAEAF3

 FA6DBC

 FAFFFE

 FA54B1

 FAFFFF

 FA3BA6

 FA229B

 FA0990

 FA008C

# Harmonies

## Analogous

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



DFC0F6



FAB8DD



FFB6C0

# Triad

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



FAB8DD



D3CD93



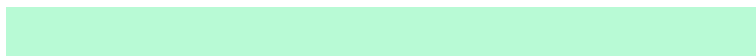
76D9F1

# Complementary

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



FAB8DD



B8FAD5

# 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.



79DBD7



FAB8DD



B3D5A0

# Square

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



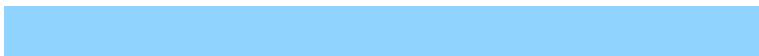
FAB8DD



EFC495



92DAB9



90D3FF

# Rectangle

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



FAB8DD



FFB9AD



92DAB9



73DAE9



# Sweetspot

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



FAB8DD



FFEBF6



D5B8FA



80737A



000000



808080



# Same Dimension

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



FAB8DD



FFADDB



FAB8BC



7D7077



BD006A



3D0022



# Inverse Universe

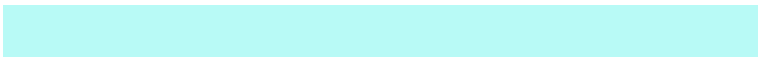
The Inverse Universe completely reimagines the original color for something new.



FAB8DD



FFADDB



B8FAF6



7D7077



BD006A



3D0022



# Previews

## White Background



This preview shows how the Hex color FAB8DD looks on a white background.

## Color Contrast Check

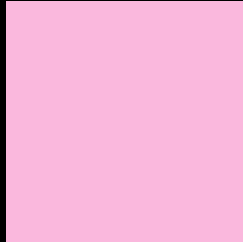
Large Text (above 18pt) WCAG AA × Fail

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 FAB8DD 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 FAB8DD Background



This preview shows how black text looks on a background with the Hex color FAB8DD.

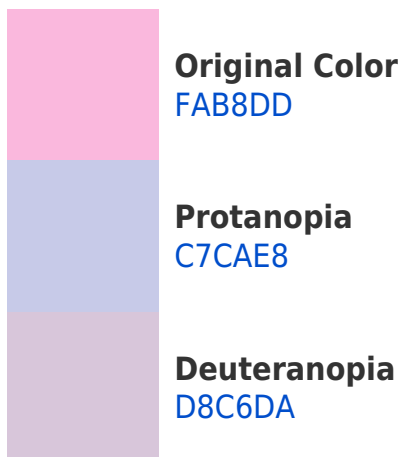


This preview shows how white text looks on a background with the Hex color FAB8DD.

# 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



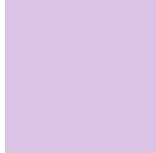


**Tritanopia**  
F8BBCA

# Trichromacy



**Original Color**  
FAB8DD



**Protanomaly**  
DAC3E4



**Deuteranomaly**  
E4C1DB

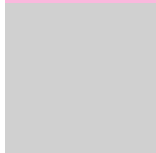


**Tritanomaly**  
F9BAD1

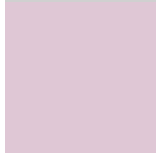
# Monochromacy



**Original Color**  
FAB8DD



**Achromatopsia**  
D0D0D0



**Achromatomaly**  
DFC7D5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FAB8DD 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 #FAB8DD looks like.

```
.text, #text, p{  
    color:#FAB8DD  
}
```

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 #FAB8DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FAB8DD
}
```

## Border

The CSS property to change the border of an element to Hex FAB8DD 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
#FAB8DD }
```

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

```
.border{ border-color:#FAB8DD }
```

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

Here you see how a box with a 4 pixel #FAB8DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FAB8DD; -webkit-box-shadow:4px 4px  
4px 4px #FAB8DD; box-shadow:4px 4px 4px  
4px #FAB8DD }
```

# Background

The CSS property to change the background color of an element to Hex FAB8DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FAB8DD }
```

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

```
.background{ background-color:#FAB8DD }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor