

# Converting Colors

Hex(F1B3F8)

Have a look what the booklet for  
Hex(F1B3F8) contains.

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# Color

**Hex(F1B3F8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F1B3F8
RGB	241, 179, 248
RGB Percent	95%, 70%, 97%
CMY	0.0549, 0.2980, 0.0275
CMYK	0.03, 0.28, 0.00, 0.03
HSL	294°, 83%, 84%
HSV	294°, 28%, 97%
XYZ	69.3390, 57.7183, 96.2931
YIQ	205.4040, 14.8030, 34.6030

# Conversions

## Conversions Part 2

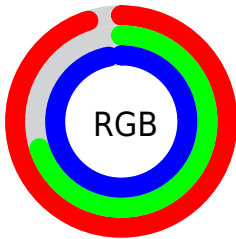
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	241, 179, 248
Decimal	15840248
CIE Lab	80.58, 33.81, -25.45
CIE LCh	81, 42.317, 323.024
Yxy	57.7183, 0.3104, 0.2584
Android (android.graphics.Color)	4294030328 (0xFFFF1B3F8)
YUV	205.4040, 20.9998, 31.2177
Hunter-Lab	75.9725, 29.9623, -21.9677

# Details

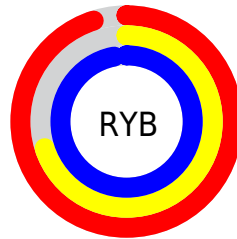
The Hex color **F1B3F8** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **BAF8B3**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **FFEBFF**, and **B87DBF** is the 20% darker color. If you saturate the color by 10%, you get **EE9AF8**, and if you desaturate by 10%, it is **F4CCF8**.

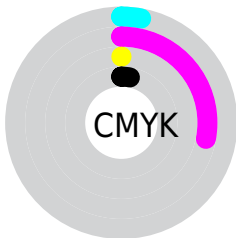
# Distribution



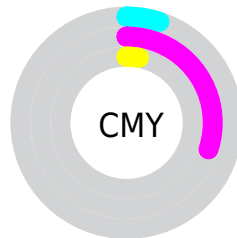
- Red (95%)
- Green (70%)
- Blue (97%)



- Red (95%)
- Yellow (70%)
- Blue (97%)



- Cyan (3%)
- Magenta (28%)
- Yellow (0%)
- Black (3%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color F1B3F8 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 F1B3F8 by changing the saturation by 10% instead.



 F1B3F8

FFFFFF

 FFE8FF

 F1B3F8

 D498DB

 B87DBF

 9D64A4

 824B8A

 683370

 4F1B57

 360240

 23002A

 000114

 F1B3F8

 F1B3F8

 EE9AF8

 F4CCF8

 EC81F8

 F6E5F8

 E969F8

 F9FDF8

 E750F8

 FBFFF8

 E437F8

 FEFFF8

 E21EF8

 FFFFF8

 DF05F8

 DF00F8

# Harmonies

## Analogous

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



BFC1FF



F1B3F8



FFAAD3

# Triad

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



F1B3F8



EAC279



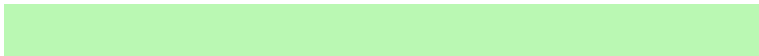
27DDE6

# Complementary

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



F1B3F8



BAF8B3

# 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.



61DDBD



F1B3F8



C3CF7E

# Square

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



F1B3F8



FFB58A



95D897



37D8FF

# Rectangle

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



F1B3F8



FFA9B8



95D897



3ADDD8



# Sweetspot

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



F1B3F8



FDEBFF



B3BBF8



7E7380



000000



808080



# Same Dimension

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



F1B3F8



F6ABFF



F8B3DE



7C707D



AA00BD



37003D



# Inverse Universe

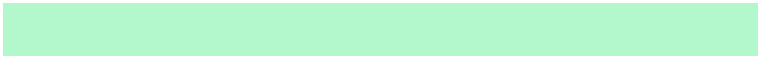
The Inverse Universe completely reimagines the original color for something new.



F8B3BA



FFABB3



B3F8CD



7D7072



BD0013

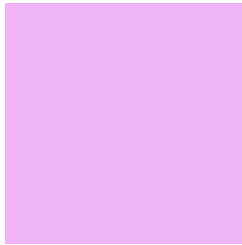


3D0006



# Previews

## White Background



This preview shows how the Hex color F1B3F8 looks on a white background.

## Color Contrast Check

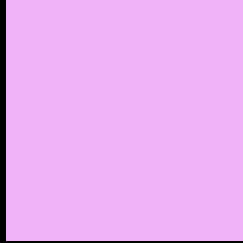
Large Text (above 18pt) WCAG AA × Fail

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 F1B3F8 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 F1B3F8 Background



This preview shows how black text looks on a background with the Hex color F1B3F8.

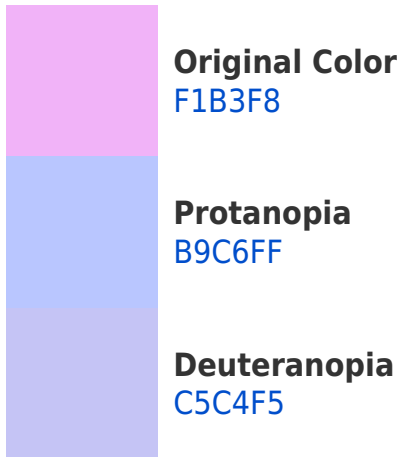


This preview shows how white text looks on a background with the Hex color F1B3F8.

# 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**  
F1B3F8



**Protanomaly**  
CDBFFC



**Deuteranomaly**  
D5BEF6

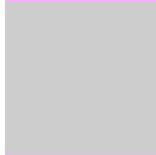


**Tritanomaly**  
EDB9DB

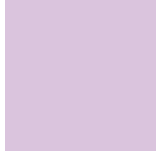
# Monochromacy



**Original Color**  
F1B3F8



**Achromatopsia**  
CDCDCD



**Achromatomaly**  
DAC4DD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F1B3F8 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 #F1B3F8 looks like.

```
.text, #text, p{  
    color:#F1B3F8  
}
```

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 #F1B3F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F1B3F8
}
```

## Border

The CSS property to change the border of an element to Hex F1B3F8 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
#F1B3F8 }
```

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

```
.border{ border-color:#F1B3F8 }
```

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

Here you see how a box with a 4 pixel #F1B3F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F1B3F8; -webkit-box-shadow:4px 4px  
4px 4px #F1B3F8; box-shadow:4px 4px 4px  
4px #F1B3F8 }
```

# Background

The CSS property to change the background color of an element to Hex F1B3F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F1B3F8 }
```

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

```
.background{ background-color:#F1B3F8 }
```

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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