

# Converting Colors

Hex(F0B6EC)

Have a look what the booklet for  
Hex(F0B6EC) contains.

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# Color

**Hex(F0B6EC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0B6EC
RGB	240, 182, 236
RGB Percent	94%, 71%, 93%
CMY	0.0588, 0.2863, 0.0745
CMYK	0.00, 0.24, 0.02, 0.06
HSL	304°, 66%, 83%
HSV	304°, 24%, 94%
XYZ	67.8035, 58.0373, 86.9856
YIQ	205.4980, 17.2340, 29.0900

# Conversions

## Conversions Part 2

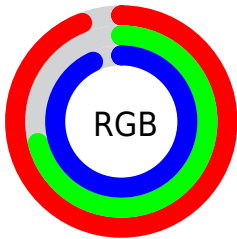
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	240, 182, 236
Decimal	15775468
CIE <sub>Lab</sub>	80.76, 29.69, -18.75
CIE <sub>LCh</sub>	81, 35.118, 327.728
Yxy	58.0373, 0.3186, 0.2727
Android (android.graphics.Color)	4293965548 (0xFFFF0B6EC)
YUV	205.4980, 15.0375, 30.2583
Hunter-Lab	76.1822, 25.5491, -14.3703

# Details

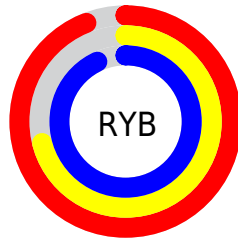
The Hex color **F0B6EC** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **B6F0BA**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **FFEEFF**, and **B780B4** is the 20% darker color. If you saturate the color by 10%, you get **F09EEA**, and if you desaturate by 10%, it is **F0CEEE**.

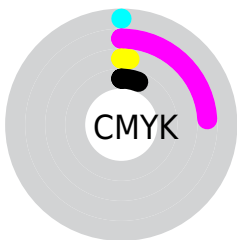
# Distribution



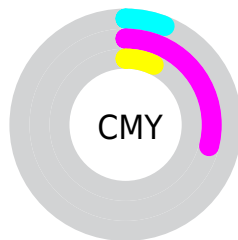
- Red (94%)
- Green (71%)
- Blue (93%)



- Red (94%)
- Yellow (71%)
- Blue (93%)



- Cyan (0%)
- Magenta (24%)
- Yellow (2%)
- Black (6%)



- Cyan (6%)
- Magenta (29%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F0B6EC 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 F0B6EC by changing the saturation by 10% instead.



 F0B6EC

FFFFFF

 FFEEFF

 F0B6EC

 D39BD0

 B780B4

 9C6799

 814E7F

 683666

 4F1F4E

 370737

 240022

 000007

 F0B6EC

 F0B6EC

 F09EEA

 F0CEEE

 F086E9

 F0E6EF

 F06EE7

 F0FEF1

 F056E5

 F0FFF3

 F03EE4

 F0FFF4

 F026E2

 F0FFF6

 F00EE0

 F0FFF8

 F000DF

 F0FFF9

 F0FFFB

# Harmonies

## Analogous

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



CAC1FF



F0B6EC



FFB0CC

# Triad

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



F0B6EC



E2C687



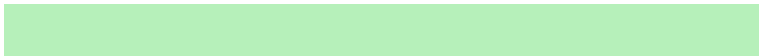
5CDAE6

# Complementary

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



F0B6EC



B6F0BA

# 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.



74DAC5



F0B6EC



BFD08E

# Square

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



F0B6EC



FCBA92



99D7A4



6CD5FF

# Rectangle

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



F0B6EC



FFB0B6



99D7A4



61DADB



# Sweetspot

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



F0B6EC



FFEDFE



BAB6F0



80757F



000000



808080



# Same Dimension

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



F0B6EC



FFB5FA



F0B6CF



786C77



B800AB



380034



# Inverse Universe

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



F0B6EC



FFB5FA



B6F0D7



786C77



B800AB



380034



# Previews

## White Background



This preview shows how the Hex color F0B6EC looks on a white background.

## Color Contrast Check

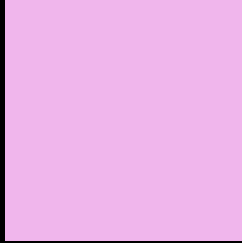
Large Text (above 18pt) WCAG AA × Fail

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 F0B6EC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

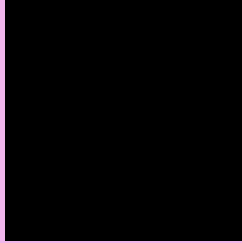
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex F0B6EC Background



This preview shows how black text looks on a background with the Hex color F0B6EC.

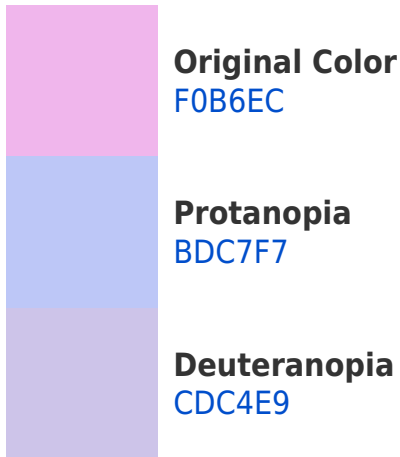


This preview shows how white text looks on a background with the Hex color F0B6EC.

# 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**  
F0B6EC



**Protanomaly**  
D0C1F3



**Deuteranomaly**  
DABFEA

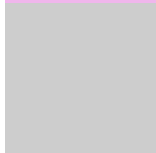


**Tritanomaly**  
EDBAD7

# Monochromacy



**Original Color**  
F0B6EC



**Achromatopsia**  
CDCDCD



**Achromatomaly**  
DAC5D8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F0B6EC 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 #F0B6EC looks like.

```
.text, #text, p{  
    color:#F0B6EC  
}
```

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 #F0B6EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0B6EC
}
```

## Border

The CSS property to change the border of an element to Hex F0B6EC 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
#F0B6EC }
```

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

```
.border{ border-color:#F0B6EC }
```

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

Here you see how a box with a 4 pixel #F0B6EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0B6EC; -webkit-box-shadow:4px 4px  
4px 4px #F0B6EC; box-shadow:4px 4px 4px  
4px #F0B6EC }
```

# Background

The CSS property to change the background color of an element to Hex F0B6EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0B6EC }
```

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

```
.background{ background-color:#F0B6EC }
```

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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