

# Converting Colors

Hex(F0B3E4)

Have a look what the booklet for  
Hex(F0B3E4) contains.

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# **Color**

**Hex(F0B3E4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0B3E4
RGB	240, 179, 228
RGB Percent	94%, 70%, 89%
CMY	0.0588, 0.2980, 0.1059
CMYK	0.00, 0.25, 0.05, 0.06
HSL	312°, 67%, 82%
HSV	312°, 25%, 94%
XYZ	66.0589, 56.3669, 80.7970
YIQ	202.8250, 20.6270, 28.1710

# Conversions

## Conversions Part 2

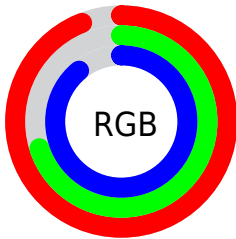
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	240, 179, 228
Decimal	15774692
CIE Lab	79.82, 29.87, -15.86
CIE LCh	80, 33.817, 332.036
Yxy	56.3669, 0.3251, 0.2774
Android (android.graphics.Color)	4293964772 (0xFFFF0B3E4)
YUV	202.8250, 12.4113, 32.6025
Hunter-Lab	75.0779, 25.6707, -11.2519

# Details

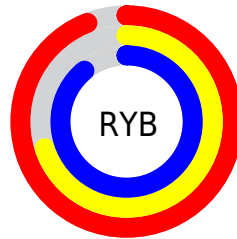
The Hex color **F0B3E4** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **B3F0BF**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **FFE8FF**, and **B77EAD** is the 20% darker color. If you saturate the color by 10%, you get **F09BDF**, and if you desaturate by 10%, it is **F0CBE9**.

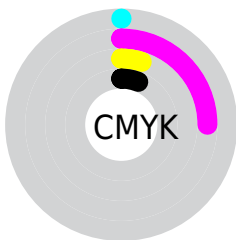
# Distribution



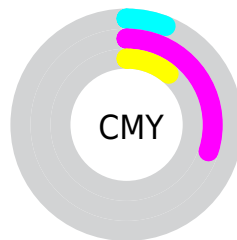
- Red (94%)
- Green (70%)
- Blue (89%)



- Red (94%)
- Yellow (70%)
- Blue (89%)



- Cyan (0%)
- Magenta (25%)
- Yellow (5%)
- Black (6%)



- Cyan (6%)
- Magenta (30%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F0B3E4 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 F0B3E4 by changing the saturation by 10% instead.



 F0B3E4

 F0B3E4

FFFFFF

 D398C8

 FFE8FF

 B77EAD

 9C6492

 814B78

 67345F

 4E1C48

 360431

 24001C

 000000

 F0B3E4

 F0B3E4

 F09BDF

 F0CBE9

 F083DB

 F0E3ED

 F06BD6

 F0FBF2

 F053D1

 F0FFF7

 F03BCC

 F0FFFC

 F023C8

 F0FFFF

 F00BC3

 F000C1

# Harmonies

## Analogous

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



CDBDFB



F0B3E4



FFAEC5

# Triad

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



F0B3E4



DAC587



60D6E6

# Complementary

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



F0B3E4



B3F0BF

# 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.



71D7C7



F0B3E4



B8CE90

# Square

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



F0B3E4



F5BA8F



93D4A7



74D1FD

# Rectangle

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



F0B3E4



FFAFB0



93D4A7



62D7DC



# Sweetspot

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



F0B3E4



FFEBFB



BEB3F0



80737D



000000



808080



# Same Dimension

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



F0B3E4



FFB0EF



F0B3C6



786C75



B80093



38002D



# Inverse Universe

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



F0B3E4



FFB0EF



B3F0DD



786C75



B80093



38002D



# Previews

## White Background



This preview shows how the Hex color F0B3E4 looks on a white background.

## Color Contrast Check

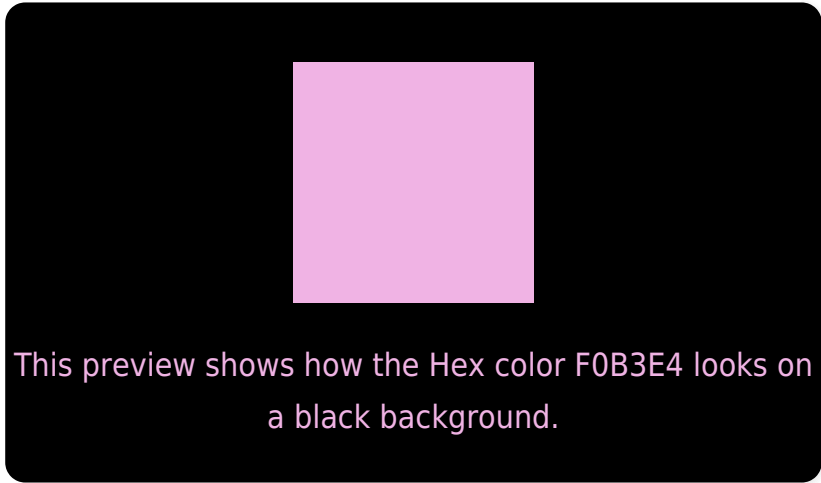
Large Text (above 18pt) WCAG AA × Fail

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 F0B3E4 Background



This preview shows how black text looks on a background with the Hex color F0B3E4.

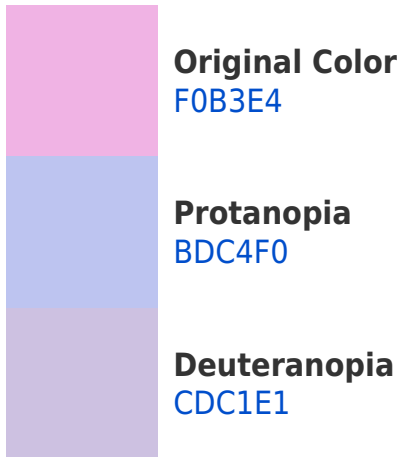


This preview shows how white text looks on a background with the Hex color F0B3E4.

# 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**  
ECB8C7

# Trichromacy



**Original Color**  
F0B3E4



**Protanomaly**  
D0BEEC



**Deuteranomaly**  
DABCE2

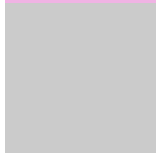


**Tritanomaly**  
EDB6D2

# Monochromacy



**Original Color**  
F0B3E4



**Achromatopsia**  
CBCBCB



**Achromatomaly**  
D8C2D4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F0B3E4 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 #F0B3E4 looks like.

```
.text, #text, p{  
    color:#F0B3E4  
}
```

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 #F0B3E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0B3E4
}
```

## Border

The CSS property to change the border of an element to Hex F0B3E4 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
#F0B3E4 }
```

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

```
.border{ border-color:#F0B3E4 }
```

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

Here you see how a box with a 4 pixel #F0B3E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0B3E4; -webkit-box-shadow:4px 4px  
4px 4px #F0B3E4; box-shadow:4px 4px 4px  
4px #F0B3E4 }
```

# Background

The CSS property to change the background color of an element to Hex F0B3E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0B3E4 }
```

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

```
.background{ background-color:#F0B3E4 }
```

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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