

# Converting Colors

Hex(F7C3EA)

Have a look what the booklet for  
Hex(F7C3EA) contains.

<b>Hex(F7C3EA)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(F7C3EA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7C3EA
RGB	247, 195, 234
RGB Percent	97%, 76%, 92%
CMY	0.0314, 0.2353, 0.0824
CMYK	0.00, 0.21, 0.05, 0.03
HSL	315°, 76%, 87%
HSV	315°, 21%, 97%
XYZ	72.7242, 64.7449, 86.5059
YIQ	214.9940, 18.4730, 23.1530

# Conversions

## Conversions Part 2

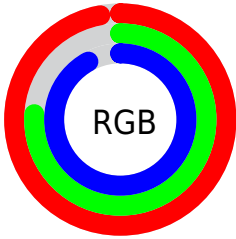
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	247, 195, 234
Decimal	16237546
CIE Lab	84.35, 24.76, -12.22
CIE LCh	84, 27.613, 333.745
Yxy	64.7449, 0.3247, 0.2891
Android (android.graphics.Color)	4294427626 (0xFFF7C3EA)
YUV	214.9940, 9.3700, 28.0693
Hunter-Lab	80.4642, 20.5173, -7.4169

# Details

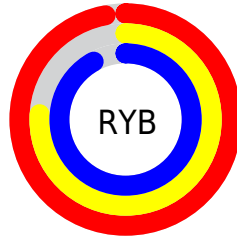
The Hex color **F7C3EA** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **C3F7D0**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **FFFCFF**, and **BE8DB2** is the 20% darker color. If you saturate the color by 10%, you get **F7AAE4**, and if you desaturate by 10%, it is **F7DCF0**.

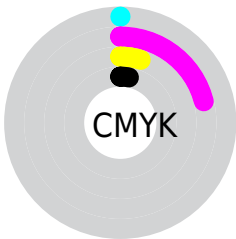
# Distribution



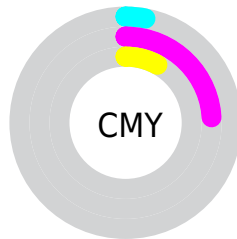
- Red (97%)
- Green (76%)
- Blue (92%)



- Red (97%)
- Yellow (76%)
- Blue (92%)



- Cyan (0%)
- Magenta (21%)
- Yellow (5%)
- Black (3%)



- Cyan (3%)
- Magenta (24%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F7C3EA 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 F7C3EA by changing the saturation by 10% instead.



 F7C3EA

FFFFFF

 FFFCFF

 F7C3EA

 DAA8CE

 BE8DB2

 A37398

 885A7E

 6E4265

 552B4D

 3D1536

 270021

 000006

 F7C3EA

 F7C3EA

 F7AAE4

 F7DCF0

 F792DE

 F7F4F6

 F779D7

 F7FFFD

 F760D1

 F7FFFF

 F748CB

 F72FC5

 F716BF

 F700B9

# Harmonies

## Analogous

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



DBC BFE



F7C3EA



FFC0D0

# Triad

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



F7C3EA



E3D29F



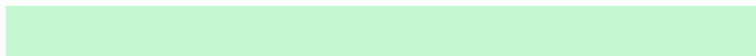
88E0EE

# Complementary

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



F7C3EA



C3F7D0

# 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.



90E1D5



F7C3EA



C6DAA7

# Square

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



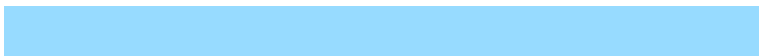
F7C3EA



F9C9A5



A8DFBB



97DBFF

# Rectangle

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



F7C3EA



FFC1BF



A8DFBB



88E1E6



# Sweetspot

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



F7C3EA



FFF0FB



D0C3F7



80777D



000000



808080



# Same Dimension

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



F7C3EA



FFBFEF



F7C3D0



7A6E77



BA008C



3B002C



# Inverse Universe

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



F7C3EA



FFBFEF



C3F7EA



7A6E77



BA008C

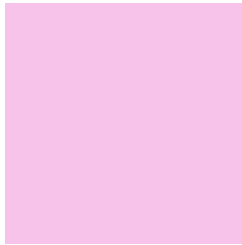


3B002C



# Previews

## White Background



This preview shows how the Hex color F7C3EA looks on a white background.

## Color Contrast Check

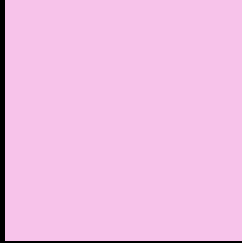
Large Text (above 18pt) WCAG AA × Fail

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 F7C3EA 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 F7C3EA Background



This preview shows how black text looks on a background with the Hex color F7C3EA.

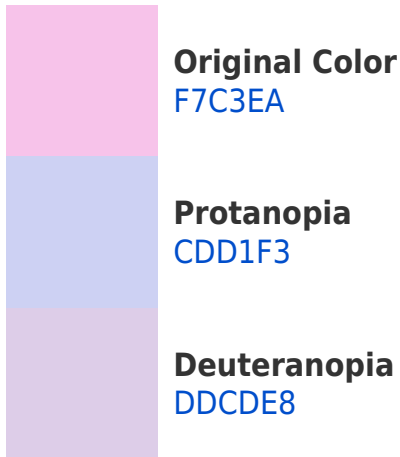


This preview shows how white text looks on a background with the Hex color F7C3EA.

# 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



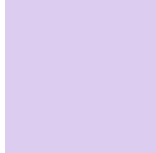


**Tritanopia**  
F4C6D6

# Trichromacy



**Original Color**  
F7C3EA



**Protanomaly**  
DCCCF0



**Deuteranomaly**  
E6C9E9

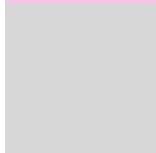


**Tritanomaly**  
F5C5DD

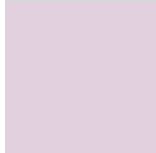
# Monochromacy



**Original Color**  
F7C3EA



**Achromatopsia**  
D7D7D7



**Achromatomaly**  
E3D0DE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F7C3EA 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 #F7C3EA looks like.

```
.text, #text, p{  
    color:#F7C3EA  
}
```

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 #F7C3EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F7C3EA
}
```

## Border

The CSS property to change the border of an element to Hex F7C3EA 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
#F7C3EA }
```

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

```
.border{ border-color:#F7C3EA }
```

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

Here you see how a box with a 4 pixel #F7C3EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F7C3EA; -webkit-box-shadow:4px 4px  
4px 4px #F7C3EA; box-shadow:4px 4px 4px  
4px #F7C3EA }
```

# Background

The CSS property to change the background color of an element to Hex F7C3EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F7C3EA }
```

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

```
.background{ background-color:#F7C3EA }
```

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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