

# Converting Colors

Hex(F5C8EE)

Have a look what the booklet for  
Hex(F5C8EE) contains.

<b>Hex(F5C8EE)</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(F5C8EE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5C8EE
RGB	245, 200, 238
RGB Percent	96%, 78%, 93%
CMY	0.0392, 0.2157, 0.0667
CMYK	0.00, 0.18, 0.03, 0.04
HSL	309°, 69%, 87%
HSV	309°, 18%, 96%
XYZ	73.7431, 66.8941, 89.9141
YIQ	217.7870, 14.6220, 21.3580

# Conversions

## Conversions Part 2

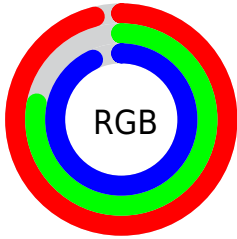
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	245, 200, 238
Decimal	16107758
CIE Lab	85.45, 22.16, -12.72
CIE LCh	85, 25.549, 330.134
Yxy	66.8941, 0.3199, 0.2901
Android (android.graphics.Color)	4294297838 (0xFFFF5C8EE)
YUV	217.7870, 9.9650, 23.8658
Hunter-Lab	81.7888, 17.8102, -7.9280

# Details

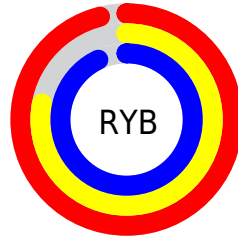
The Hex color **F5C8EE** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **C8F5CF**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **FFFFFF**, and **BC92B6** is the 20% darker color. If you saturate the color by 10%, you get **F5B0EA**, and if you desaturate by 10%, it is **F5E0F2**.

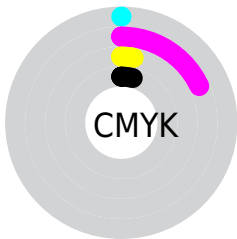
# Distribution



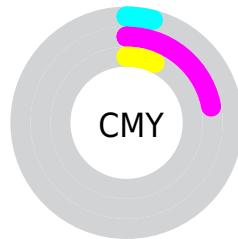
- Red (96%)
- Green (78%)
- Blue (93%)



- Red (96%)
- Yellow (78%)
- Blue (93%)



- Cyan (0%)
- Magenta (18%)
- Yellow (3%)
- Black (4%)



- Cyan (4%)
- Magenta (22%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F5C8EE 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 F5C8EE by changing the saturation by 10% instead.



 F5C8EE

FFFFFF

 F5C8EE

 D8ADD2

 BC92B6

 A1789B

 875F81

 6D4768

 543050

 3C1A39

 260323

 01000C

 F5C8EE

 F5C8EE

 F5B0EA

 F5E0F2

 F597E6

 F5F9F6

 F57FE3

 F5FFF9

 F566DF

 F5FFFD

 F54EDB

 F5FFFF

 F535D7

 F51CD3

 F504D0

 F500CF

# Harmonies

## Analogous

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



DACFF



F5C8EE



FFC4D6

# Triad

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



F5C8EE



E8D4A5



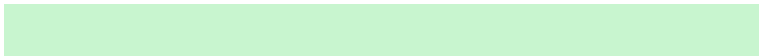
92E3ED

# Complementary

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



F5C8EE



C8F5CF

# 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.



9BE3D5



F5C8EE



CEDBAB

# Square

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



F5C8EE



FCCCAC



B2E1BD



9DDFFF

# Rectangle

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



F5C8EE



FFC5C6



B2E1BD



93E3E5



# Sweetspot

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



F5C8EE



FFF0FD



CFC8F5



80777E



000000



808080



# Same Dimension

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



F5C8EE



FFC7F6



F5C8D8



7A6E78



BA009D



3B0032



# Inverse Universe

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



F5C8EE



FFC7F6



C8F5E5



7A6E78



BA009D

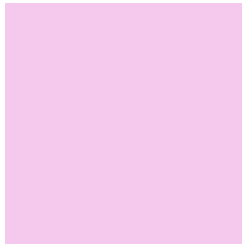


3B0032



# Previews

## White Background



This preview shows how the Hex color F5C8EE looks on a white background.

## Color Contrast Check

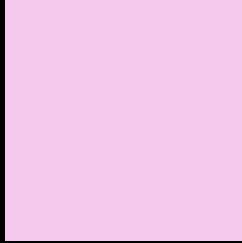
Large Text (above 18pt) WCAG AA × Fail

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 F5C8EE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

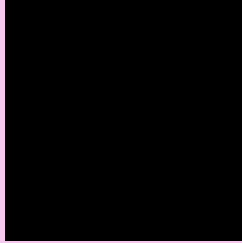
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex F5C8EE Background



This preview shows how black text looks on a background with the Hex color F5C8EE.



This preview shows how white text looks on a background with the Hex color F5C8EE.

# 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

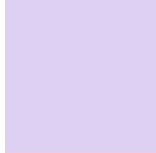




# Trichromacy



**Original Color**  
F5C8EE



**Protanomaly**  
DDD0F3



**Deuteranomaly**  
E8CDED

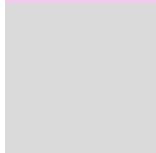


**Tritanomaly**  
F3CAE2

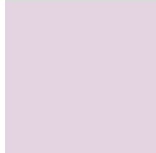
# Monochromacy



**Original Color**  
F5C8EE



**Achromatopsia**  
DADADA



**Achromatomaly**  
E4D3E1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F5C8EE 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 #F5C8EE looks like.

```
.text, #text, p{  
    color:#F5C8EE  
}
```

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 #F5C8EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F5C8EE
}
```

## Border

The CSS property to change the border of an element to Hex F5C8EE 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
#F5C8EE }
```

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

```
.border{ border-color:#F5C8EE }
```

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

Here you see how a box with a 4 pixel #F5C8EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F5C8EE; -webkit-box-shadow:4px 4px  
4px 4px #F5C8EE; box-shadow:4px 4px 4px  
4px #F5C8EE }
```

# Background

The CSS property to change the background color of an element to Hex F5C8EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F5C8EE }
```

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

```
.background{ background-color:#F5C8EE }
```

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