

# Converting Colors

Hex(F7CCE9)

Have a look what the booklet for  
Hex(F7CCE9) contains.

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# **Color**

**Hex(F7CCE9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7CCE9
RGB	247, 204, 233
RGB Percent	97%, 80%, 91%
CMY	0.0314, 0.2000, 0.0863
CMYK	0.00, 0.17, 0.06, 0.03
HSL	320°, 73%, 88%
HSV	320°, 17%, 97%
XYZ	74.6586, 68.8431, 86.4439
YIQ	220.1630, 16.3190, 18.1350

# Conversions

## Conversions Part 2

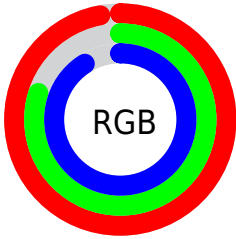
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	247, 204, 233
Decimal	16239849
CIE Lab	86.43, 19.84, -8.59
CIE LCh	86, 21.625, 336.581
Yxy	68.8431, 0.3247, 0.2994
Android (android.graphics.Color)	4294429929 (0xFFFF7CCE9)
YUV	220.1630, 6.3286, 23.5360
Hunter-Lab	82.9717, 15.4152, -3.6909

# Details

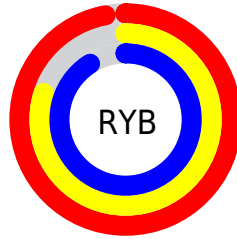
The Hex color **F7CCE9** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **CCF7DA**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **FFFFFF**, and **BE96B1** is the 20% darker color. If you saturate the color by 10%, you get **F7B3E1**, and if you desaturate by 10%, it is **F7E5F1**.

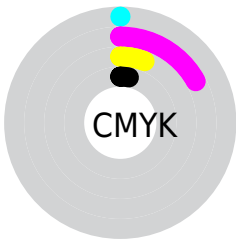
# Distribution



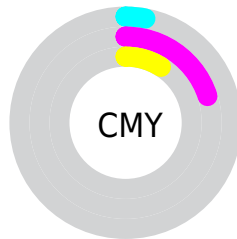
- Red (97%)
- Green (80%)
- Blue (91%)



- Red (97%)
- Yellow (80%)
- Blue (91%)



- Cyan (0%)
- Magenta (17%)
- Yellow (6%)
- Black (3%)



- Cyan (3%)
- Magenta (20%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F7CCE9 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 F7CCE9 by changing the saturation by 10% instead.



 F7CCE9

FFFFFF

 F7CCE9

 DAB0CD

 BE96B1

 A37C97

 88637D

 6F4A64

 56334C

 3E1D35

 280820

 090006

 F7CCE9

 F7CCE9

 F7B3E1

 F7E5F1

 F79BD9

 F7FDF9

 F782D1

 F7FFFF

 F769C9

 F751C1

 F738B9

 F71FB1

 F706A9

 F700A7

# Harmonies

## Analogous

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



E2D2F9



F7CCE9



FFCAD4

# Triad

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



F7CCE9



E4D8B0



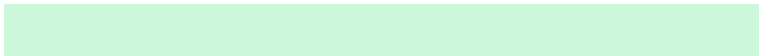
A2E3F0

# Complementary

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



F7CCE9



CCF7DA

# 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.



A5E4DC



F7CCE9



CDDEB7

# Square

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



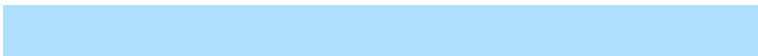
F7CCE9



F7D2B3



B6E3C7



AFDFFD

# Rectangle

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



F7CCE9



FFCBC7



B6E3C7



A1E4EA



# Sweetspot

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



F7CCE9



FFF2FB



DACCF7



80787D



000000



808080



# Same Dimension

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



F7CCE9



FFC9EE



F7CCD4



7A6E76



BA007E



3B0028



# Inverse Universe

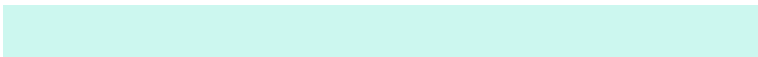
The Inverse Universe completely reimagines the original color for something new.



F7CCE9



FFC9EE



CCF7EF



7A6E76



BA007E



3B0028



# Previews

## White Background



This preview shows how the Hex color F7CCE9 looks on a white background.

## Color Contrast Check

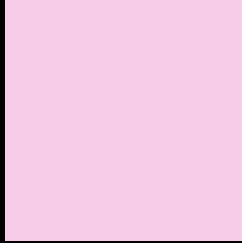
Large Text (above 18pt) WCAG AA × Fail

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 F7CCE9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

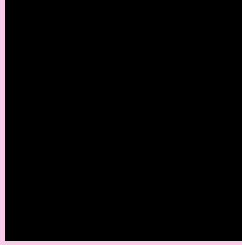
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex F7CCE9 Background



This preview shows how black text looks on a background with the Hex color F7CCE9.

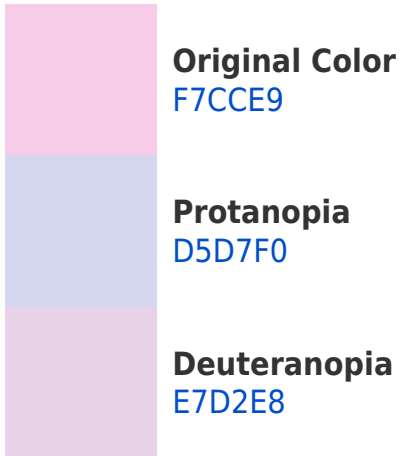


This preview shows how white text looks on a background with the Hex color F7CCE9.

# 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



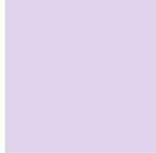


**Tritanopia**  
F5CEDE

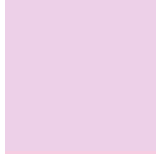
# Trichromacy



**Original Color**  
F7CCE9



**Protanomaly**  
E1D3ED



**Deuteranomaly**  
EDD0E8

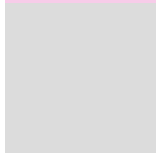


**Tritanomaly**  
F6CDE2

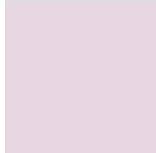
# Monochromacy



**Original Color**  
F7CCE9



**Achromatopsia**  
DCDCDC



**Achromatomaly**  
E6D6E1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F7CCE9 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 #F7CCE9 looks like.

```
.text, #text, p{  
    color:#F7CCE9  
}
```

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 #F7CCE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F7CCE9
}
```

## Border

The CSS property to change the border of an element to Hex F7CCE9 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
#F7CCE9 }
```

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

```
.border{ border-color:#F7CCE9 }
```

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

Here you see how a box with a 4 pixel #F7CCE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F7CCE9; -webkit-box-shadow:4px 4px  
4px 4px #F7CCE9; box-shadow:4px 4px 4px  
4px #F7CCE9 }
```

# Background

The CSS property to change the background color of an element to Hex F7CCE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F7CCE9 }
```

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

```
.background{ background-color:#F7CCE9 }
```

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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