

# Converting Colors

Hex(F7CEF8)

Have a look what the booklet for  
Hex(F7CEF8) contains.

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# **Color**

**Hex(F7CEF8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7CEF8
RGB	247, 206, 248
RGB Percent	97%, 81%, 97%
CMY	0.0314, 0.1922, 0.0275
CMYK	0.00, 0.17, 0.00, 0.03
HSL	299°, 75%, 89%
HSV	299°, 17%, 97%
XYZ	77.3724, 70.6941, 98.3743
YIQ	223.0470, 10.9540, 21.7540

# Conversions

## Conversions Part 2

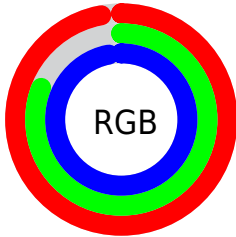
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">247, 206, 248</a>
Decimal	<a href="#">16240376</a>
CIELab	<a href="#">87.34, 21.44, -15.18</a>
CIELCh	<a href="#">87, 26.274, 324.704</a>
Yxy	<a href="#">70.6941, 0.3140, 0.2869</a>
Android (android.graphics.Color)	<a href="#">4294430456</a> <a href="#">(0xFFFF7CEF8)</a>
YUV	<a href="#">223.0470, 12.3018, 21.0068</a>
Hunter-Lab	<a href="#">84.0798, 17.1207, -10.5141</a>

# Details

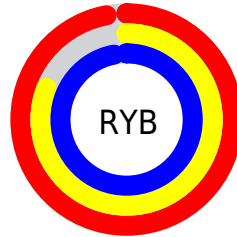
The Hex color **F7CEF8** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **CFF8CE**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **FFFFFF**, and **BE98C0** is the 20% darker color. If you saturate the color by 10%, you get **F6B5F8**, and if you desaturate by 10%, it is **F8E7F8**.

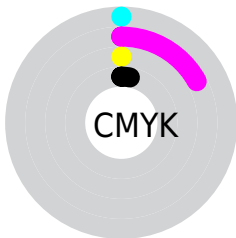
# Distribution



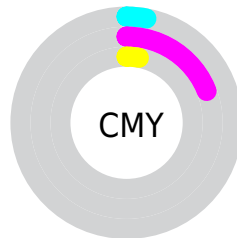
- Red (97%)
- Green (81%)
- Blue (97%)



- Red (97%)
- Yellow (81%)
- Blue (97%)



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



- Cyan (3%)
- Magenta (19%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F7CEF8 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 F7CEF8 by changing the saturation by 10% instead.



 F7CEF8

FFFFFF

 F7CEF8

 DAB2DB

 BE98C0

 A37DA4

 89648A

 6F4C71

 563558

 3E1F41

 27092A

 0D0016

 F7CEF8

 F7CEF8

 F6B5F8

 F8E7F8

 F69CF8

 F8FFF8

 F584F8

 F9FFF8

 F56BF8

 FAFFF8

 F452F8

 FBFFF8

 F339F8

 FCFFF8

 F320F8

 F208F8

 F200F8

# Harmonies

## Analogous

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



D9D6FF



F7CEF8



FFC9E0

# Triad

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



F7CEF8



F2D8A9



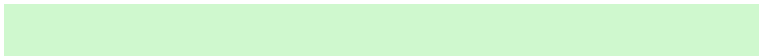
95E9EF

# Complementary

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



F7CEF8



CFF8CE

# 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.



A2E9D5



F7CEF8



D8E0AD

# Square

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



F7CEF8



FFD0B3



BBE6BD



9DE5FF

# Rectangle

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



F7CEF8



FFC9CF



BBE6BD



97E9E7



# Sweetspot

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



F7CEF8



FFF2FF



CECFF8



7F7880



000000



808080



# Same Dimension

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



F7CEF8



FECCFF



F8CEE4



7D707D



B800BD



3C003D



# Inverse Universe

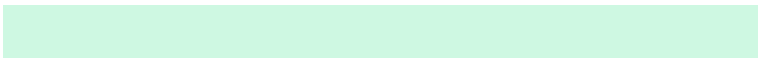
The Inverse Universe completely reimagines the original color for something new.



F8CECF



FFCCCD



CEF8E2



7D7071



BD0004



3D0001



# Previews

## White Background



This preview shows how the Hex color F7CEF8 looks on a white background.

## Color Contrast Check

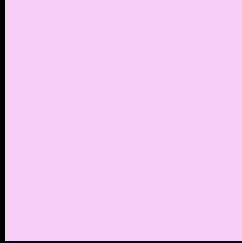
Large Text (above 18pt) WCAG AA × Fail

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 F7CEF8 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 F7CEF8 Background



This preview shows how black text looks on a background with the Hex color F7CEF8.

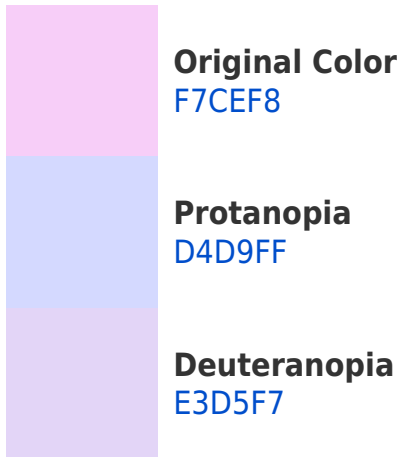


This preview shows how white text looks on a background with the Hex color F7CEF8.

# 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**  
F4D2E2

# Trichromacy



**Original Color**  
F7CEF8



**Protanomaly**  
E1D5FC



**Deuteranomaly**  
EAD2F7

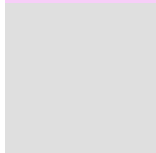


**Tritanomaly**  
F5D1EA

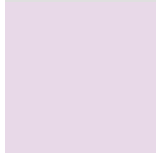
# Monochromacy



**Original Color**  
F7CEF8



**Achromatopsia**  
DFDFDF



**Achromatomaly**  
E8D9E8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F7CEF8 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 #F7CEF8 looks like.

```
.text, #text, p{  
    color:#F7CEF8  
}
```

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 #F7CEF8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F7CEF8 }  
}
```

## Border

The CSS property to change the border of an element to Hex F7CEF8 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 #F7CEF8 }  
}
```

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

```
.border{ border-color:#F7CEF8 }
```

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

Here you see how a box with a 4 pixel #F7CEF8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F7CEF8; -webkit-box-shadow:4px 4px  
4px 4px #F7CEF8; box-shadow:4px 4px 4px  
4px #F7CEF8 }
```

# Background

The CSS property to change the background color of an element to Hex F7CEF8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F7CEF8 }
```

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

```
.background{ background-color:#F7CEF8 }
```

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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