

# Converting Colors

Hex(CF8EE1)

Have a look what the booklet for  
Hex(CF8EE1) contains.

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# Color

**Hex(CF8EE1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CF8EE1
RGB	207, 142, 225
RGB Percent	81%, 56%, 88%
CMY	0.1882, 0.4431, 0.1176
CMYK	0.08, 0.37, 0.00, 0.12
HSL	287°, 58%, 72%
HSV	287°, 37%, 88%
XYZ	48.9957, 38.0476, 75.9957
YIQ	170.8970, 12.0970, 39.5930

# Conversions

## Conversions Part 2

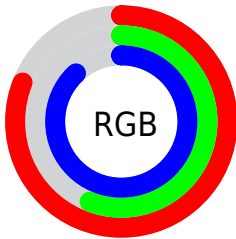
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	207, 142, 225
Decimal	13602529
CIE Lab	68.06, 38.60, -32.48
CIE LCh	68, 50.448, 319.916
Yxy	38.0476, 0.3005, 0.2334
Android (android.graphics.Color)	4291792609 (0xFFCF8EE1)
YUV	170.8970, 26.6728, 31.6623
Hunter-Lab	61.6828, 33.8409, -29.8698

# Details

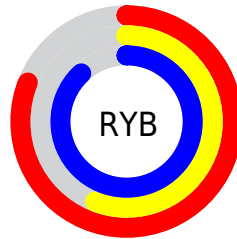
The Hex color **CF8EE1** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **A0E18E**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFC5FF**, and **975AA9** is the 20% darker color. If you saturate the color by 10%, you get **CA77E1**, and if you desaturate by 10%, it is **D4A5E1**.

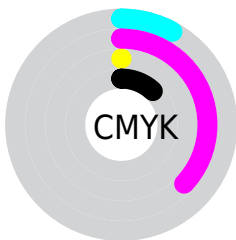
# Distribution



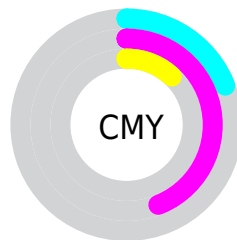
- Red (81%)
- Green (56%)
- Blue (88%)



- Red (81%)
- Yellow (56%)
- Blue (88%)



- Cyan (8%)
- Magenta (37%)
- Yellow (0%)
- Black (12%)



- Cyan (19%)
- Magenta (44%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CF8EE1 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 CF8EE1 by changing the saturation by 10% instead.



 CF8EE1

 CF8EE1

FFFFFF

 B374C5

 FFC5FF

 975AA9

 FFE1FF

 7D418F

FFFEFF

 622975

 490F5C

 300044

 1C002D

 000117

 000000

CF8EE1

CF8EE1

CA77E1

D4A5E1

C561E1

D9BBE1

C04BE1

DED2E1

BB34E1

E3E8E1

B71EE1

E7FFE1

B207E1

ECFFE1

B000E1

F1FFE1

F6FFE1

FBFFE1

# Harmonies

## Analogous

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



90A0FC



CF8EE1



F281B7

# Triad

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



CF8EE1



CE9E4A



00BDC3

# Complementary

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



CF8EE1



A0E18E

# 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.



00BC94



CF8EE1



A3AD4C

# Square

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



CF8EE1



ED8D62



6EB769



00B9EB

# Rectangle

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



CF8EE1



FB7F98



6EB769



00BDB4



# Sweetspot

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



CF8EE1



F9E3FF



8EA1E1



7C6F80



000000



808080



# Same Dimension

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



CF8EE1



E78FFF



E18ECB



6E6570



8A00B0



260030



# Inverse Universe

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



E18EA0



FF8FA7



8EE1A4



706567



B00026

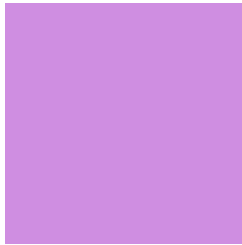


30000B



# Previews

## White Background



This preview shows how the Hex color CF8EE1 looks on a white background.

## Color Contrast Check

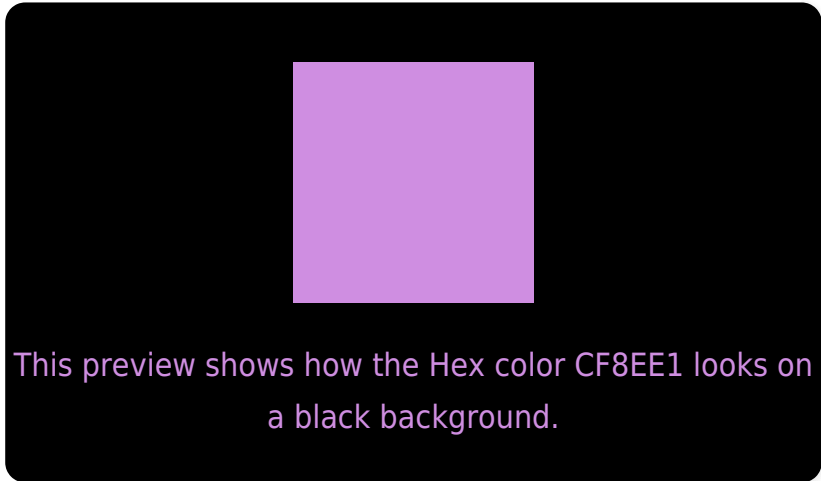
Large Text (above 18pt) WCAG AA × Fail

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

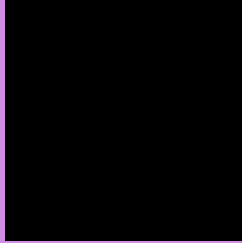
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CF8EE1 Background



This preview shows how black text looks on a background with the Hex color CF8EE1.

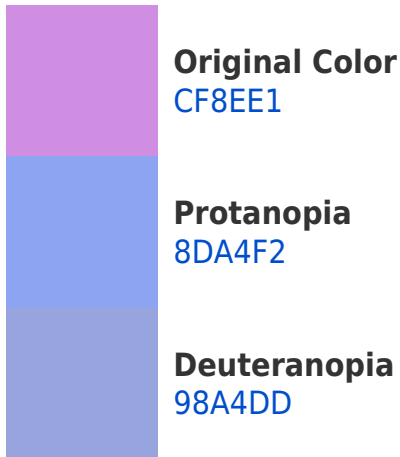


This preview shows how white text looks on a background with the Hex color CF8EE1.

# 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**  
C69AA6

# Trichromacy



**Original Color**  
CF8EE1



**Protanomaly**  
A59CEC



**Deuteranomaly**  
AC9CDE

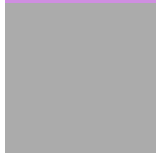


**Tritanomaly**  
C996BB

# Monochromacy



**Original Color**  
CF8EE1



**Achromatopsia**  
ABABAB



**Achromatomaly**  
B8A0BF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CF8EE1 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 #CF8EE1 looks like.

```
.text, #text, p{  
    color:#CF8EE1  
}
```

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 #CF8EE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF8EE1
}
```

## Border

The CSS property to change the border of an element to Hex CF8EE1 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
#CF8EE1 }
```

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

```
.border{ border-color:#CF8EE1 }
```

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

Here you see how a box with a 4 pixel #CF8EE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF8EE1; -webkit-box-shadow:4px 4px  
4px 4px #CF8EE1; box-shadow:4px 4px 4px  
4px #CF8EE1 }
```

# Background

The CSS property to change the background color of an element to Hex CF8EE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF8EE1 }
```

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

```
.background{ background-color:#CF8EE1 }
```

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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