

# Converting Colors

Hex(EEC2FF)

Have a look what the booklet for  
Hex(EEC2FF) contains.

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# **Color**

**Hex(EEC2FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EEC2FF
RGB	238, 194, 255
RGB Percent	93%, 76%, 100%
CMY	0.0667, 0.2392, 0.0000
CMYK	0.07, 0.24, 0.00, 0.00
HSL	283°, 100%, 88%
HSV	283°, 24%, 100%
XYZ	72.6017, 63.9807, 103.1307
YIQ	214.1100, 6.6430, 28.2990

# Conversions

## Conversions Part 2

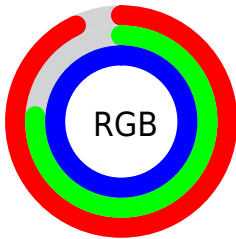
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	238, 194, 255
Decimal	15647487
CIE <sub>Lab</sub>	83.96, 26.22, -24.08
CIE <sub>LCh</sub>	84, 35.594, 317.436
Y <sub>xy</sub>	63.9807, 0.3029, 0.2669
Android (android.graphics.Color)	4293837567 (0xFFEEC2FF)
Y <sub>UV</sub>	214.1100, 20.1588, 20.9515
Hunter-Lab	79.9879, 22.0380, -20.4527

# Details

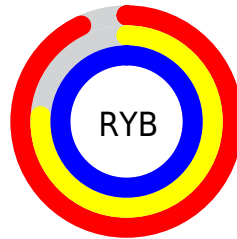
The Hex color **EEC2FF** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **D3FFC2**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **FFFBFF**, and **B68CC6** is the 20% darker color. If you saturate the color by 10%, you get **E7A9FF**, and if you desaturate by 10%, it is **F5DBFF**.

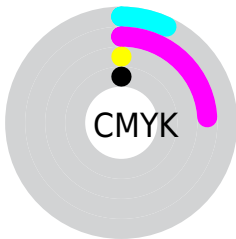
# Distribution



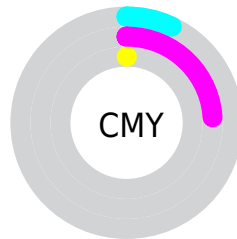
- Red (93%)
- Green (76%)
- Blue (100%)



- Red (93%)
- Yellow (76%)
- Blue (100%)



- Cyan (7%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (24%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EEC2FF 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 EEC2FF by changing the saturation by 10% instead.



 EEC2FF

FFFFFF

 FFFBFF

 EEC2FF

 D1A7E2

 B68CC6

 9A72AB

 805990

 664176

 4E2A5D

 361446

 20002F

 00011A

 EEC2FF

 EEC2FF

 E7A9FF

 F5DBFF

 E08FFF

 FCF5FF

 D976FF

 FFFFFFFF

 D25CFF

 CA42FF

 C329FF

 BC10FF

 B800FF

# Harmonies

## Analogous

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



C2CEFF



EEC2FF



FFBAE1

# Triad

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



EEC2FF



F6CA90



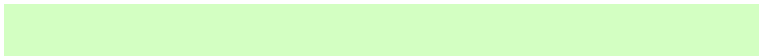
69E4E4

# Complementary

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



EEC2FF



D3FFC2

# 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.



88E3C2



EEC2FF



D5D591

# Square

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



EEC2FF



FFC0A1



AFDEA3



6AE0FF

# Rectangle

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



EEC2FF



FFB8CA



AFDEA3



71E4D9



# Sweetspot

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



EEC2FF



FAEDFF



C2D3FF



7D7580



000000



808080



# Same Dimension

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



EEC2FF



EAB5FF



FFC2F2



7C7380



8A00BF



2E0040



# Inverse Universe

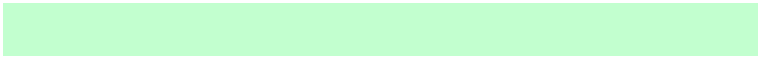
The Inverse Universe completely reimagines the original color for something new.



FFC2D3



FFB5CA



C2FFCF



807376



BF0035

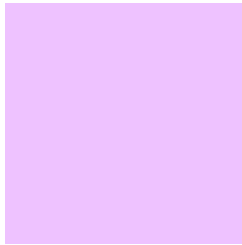


400012



# Previews

## White Background



This preview shows how the Hex color EEC2FF looks on a white background.

## Color Contrast Check

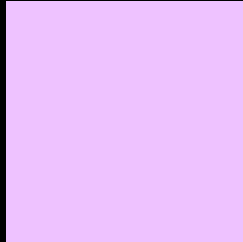
Large Text (above 18pt) WCAG AA × Fail

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 EEC2FF 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 EEC2FF Background



This preview shows how black text looks on a background with the Hex color EEC2FF.

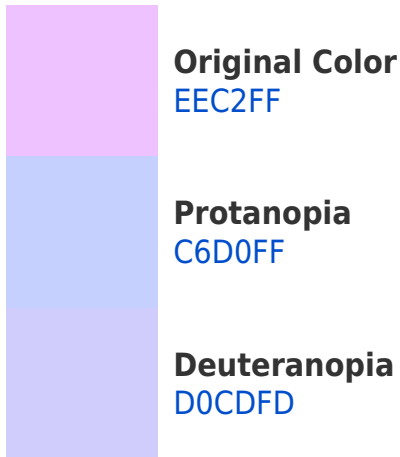


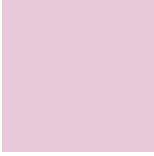
This preview shows how white text looks on a background with the Hex color EEC2FF.

# 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**  
E8C9D9

# Trichromacy



**Original Color**  
EEC2FF



**Protanomaly**  
D5CBFF



**Deuteranomaly**  
DBC9FE

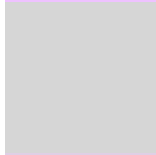


**Tritanomaly**  
EAC6E7

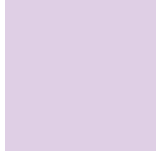
# Monochromacy



**Original Color**  
EEC2FF



**Achromatopsia**  
D6D6D6



**Achromatomaly**  
DFCFE5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EEC2FF 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 #EEC2FF looks like.

```
.text, #text, p{  
    color:#EEC2FF  
}
```

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 #EEC2FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EEC2FF
}
```

## Border

The CSS property to change the border of an element to Hex EEC2FF 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
#EEC2FF }
```

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

```
.border{ border-color:#EEC2FF }
```

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

Here you see how a box with a 4 pixel #EEC2FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EEC2FF; -webkit-box-shadow:4px 4px  
4px 4px #EEC2FF; box-shadow:4px 4px 4px  
4px #EEC2FF }
```

# Background

The CSS property to change the background color of an element to Hex EEC2FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EEC2FF }
```

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

```
.background{ background-color:#EEC2FF }
```

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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