

Converting Colors

Hex(ECC7FF)

Have a look what the booklet for
Hex(ECC7FF) contains.

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Color

Hex(ECC7FF)

Conversions

Conversions Part 1

Format	Color
Hex	ECC7FF
RGB	236, 199, 255
RGB Percent	93%, 78%, 100%
CMY	0.0745, 0.2196, 0.0000
CMYK	0.07, 0.22, 0.00, 0.00
HSL	280°, 100%, 89%
HSV	280°, 22%, 100%
XYZ	73.0655, 65.8997, 103.4767
YIQ	216.4470, 4.0760, 25.2600

Conversions

Conversions Part 2

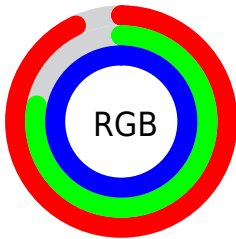
Format	Color
R _Y B	236, 199, 255
Decimal	15517695
CIE _{Lab}	84.95, 22.92, -22.59
CIE _{LCh}	85, 32.183, 315.418
Yxy	65.8997, 0.3014, 0.2718
Android (android.graphics.Color)	4293707775 (0xFFECC7FF)
YUV	216.4470, 19.0066, 17.1480
Hunter-Lab	81.1786, 18.5978, -18.7507

Details

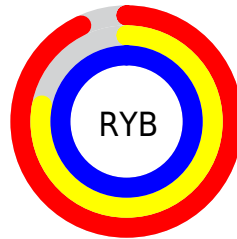
The Hex color **ECC7FF** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **DAFFC7**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFFFF**, and **B491C6** is the 20% darker color. If you saturate the color by 10%, you get **E3AEFF**, and if you desaturate by 10%, it is **F5E1FF**.

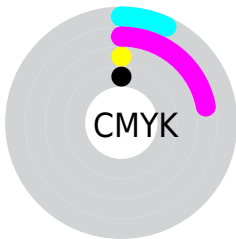
Distribution



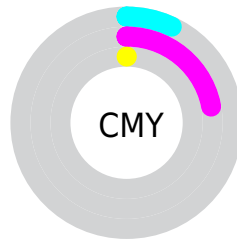
- Red (93%)
- Green (78%)
- Blue (100%)



- Red (93%)
- Yellow (78%)
- Blue (100%)



- Cyan (7%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color ECC7FF 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 ECC7FF by changing the saturation by 10% instead.

 ECC7FF

FFFFFF

 ECC7FF

 D0ACE2

 B491C6

 9977AB

 7E5E90

 654676

 4C2F5E

 351946

 1F022F

 00001A

 ECC7FF

 ECC7FF

 E3AEFF

 F5E1FF

 DB94FF

 FDFAFF

 D27AFF

 FFFFFFFF

 C961FF

 C147FF

 B82EFF

 AF14FF

 A800FF

Harmonies

Analogous

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



C4D2FF



ECC7FF



FFBFE4

Triad

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



ECC7FF



F7CD9A



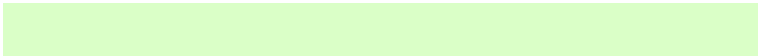
7BE5E3

Complementary

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



ECC7FF



DAFFC7

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.



95E4C4



ECC7FF



DAD799

Square

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



ECC7FF



FFC4AA



B8DFA9



7BE2FE

Rectangle

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



ECC7FF



FFBED0



B8DFA9



82E5D9

Sweetspot

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



ECC7FF



F9EDFF



C7DBFF



7C7580



000000



808080

Same Dimension

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



ECC7FF



E9BDFE



FFC7F7



7B7380



7E00BF



2A0040

Inverse Universe

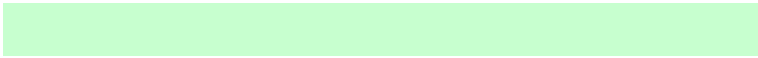
The Inverse Universe completely reimagines the original color for something new.



FFC7DA



FFBDD3



C7FFCF



807377



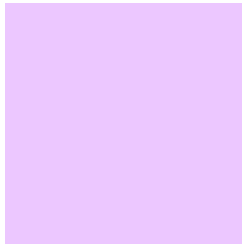
BF0041



400016

Previews

White Background



This preview shows how the Hex color ECC7FF looks on a white background.

Color Contrast Check

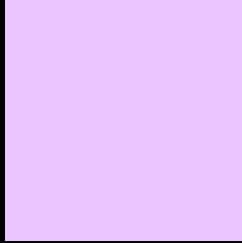
Large Text (above 18pt) WCAG AA × Fail

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 ECC7FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

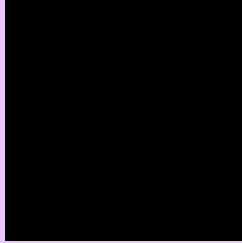
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

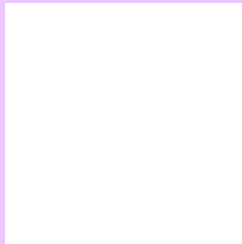
Any Text WCAG AAA ✓ Pass

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

Hex ECC7FF Background



This preview shows how black text looks on a background with the Hex color ECC7FF.

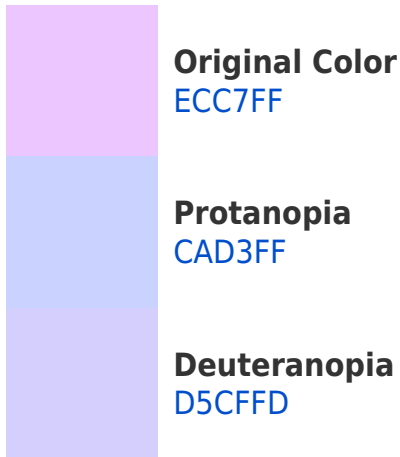


This preview shows how white text looks on a background with the Hex color ECC7FF.

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
E7CDDD

Trichromacy



Original Color
ECC7FF



Protanomaly
D6CFFF



Deuteranomaly
DDCCFE

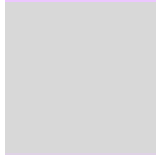


Tritanomaly
E9CBE9

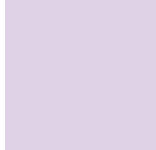
Monochromacy



Original Color
ECC7FF



Achromatopsia
D8D8D8



Achromatomaly
DFD2E6

CSS Examples

Text

The CSS property to change the color of the text to Hex ECC7FF 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 #ECC7FF looks like.

```
.text, #text, p{  
    color:#ECC7FF  
}
```

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 #ECC7FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ECC7FF }  
}
```

Border

The CSS property to change the border of an element to Hex ECC7FF 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 #ECC7FF }  
}
```

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

```
.border{ border-color:#ECC7FF }
```

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

Here you see how a box with a 4 pixel #ECC7FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ECC7FF; -webkit-box-shadow:4px 4px  
4px 4px #ECC7FF; box-shadow:4px 4px 4px  
4px #ECC7FF }
```

Background

The CSS property to change the background color of an element to Hex ECC7FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ECC7FF }
```

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

```
.background{ background-color:#ECC7FF }
```

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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