

Converting Colors

Hex(ECBDFF)

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

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Color

Hex(ECBDFF)

Conversions

Conversions Part 1

Format	Color
Hex	ECBDFE
RGB	236, 189, 255
RGB Percent	93%, 74%, 100%
CMY	0.0745, 0.2588, 0.0000
CMYK	0.07, 0.26, 0.00, 0.00
HSL	283°, 100%, 87%
HSV	283°, 26%, 100%
XYZ	70.8397, 61.4481, 102.7347
YIQ	210.5770, 6.8260, 30.4900

Conversions

Conversions Part 2

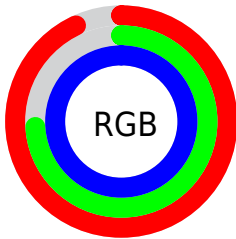
Format	Color
R _Y B	236, 189, 255
Decimal	15515135
CIE Lab	82.62, 28.25, -26.13
CIE LCh	83, 38.481, 317.233
Yxy	61.4481, 0.3014, 0.2615
Android (android.graphics.Color)	4293705215 (0xFFECCBDF)
YUV	210.5770, 21.9005, 22.2960
Hunter-Lab	78.3888, 24.1293, -22.8321

Details

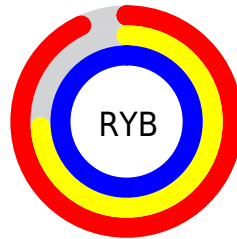
The Hex color **ECBDFF** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **D0FFBD**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **FFF6FF**, and **B487C6** is the 20% darker color. If you saturate the color by 10%, you get **E5A4FF**, and if you desaturate by 10%, it is **F3D7FF**.

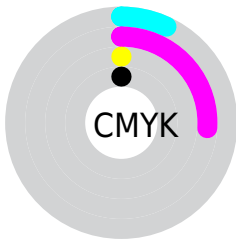
Distribution



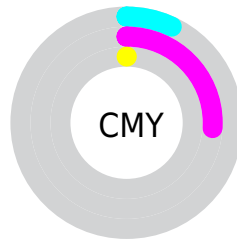
- Red (93%)
- Green (74%)
- Blue (100%)



- Red (93%)
- Yellow (74%)
- Blue (100%)



- Cyan (7%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 ECBDFE

 ECBDFE

FFFFFF

 CFA2E2

 FFF6FF

 B487C6

 986EAB

 7E5590

 643D76

 4B265D

 330F45

 1F002F

 000119

 ECBDFE

 ECBDFE

 E5A4FE

 F3D7FE

 DD8AFE

 FBF0FE

 D671FE

 FFFFFFF

 CF57FE

 C73EFE

 C024FE

 B90BFE

 B600FE

Harmonies

Analogous

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



BCCAFF



ECBDFE



FFB4DF

Triad

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



ECBDFE



F4C687



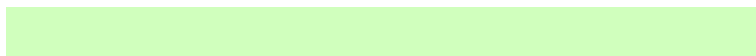
56E1E2

Complementary

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



ECBDFE



DOFFBD

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.



7DE0BC



ECBDFE



D1D288

Square

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



ECBDFE



FFBA9A



A8DB9B



55DEFF

Rectangle

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



ECBDFE



FFB2C6



A8DB9B



61E1D5

Sweetspot

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



ECBDFE



F9EBFF



BDD1FF



7C7380



000000



808080

Same Dimension

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



ECBDF5



E8B0FF



FFBDF2



7C7380



8800BF



2D0040

Inverse Universe

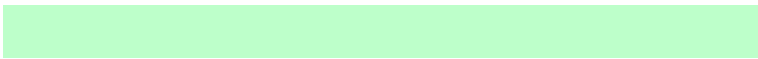
The Inverse Universe completely reimagines the original color for something new.



FFBDD0



FFB0C7



BDFFCA



807376



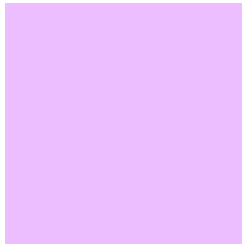
BF0037



400012

Previews

White Background



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

Color Contrast Check

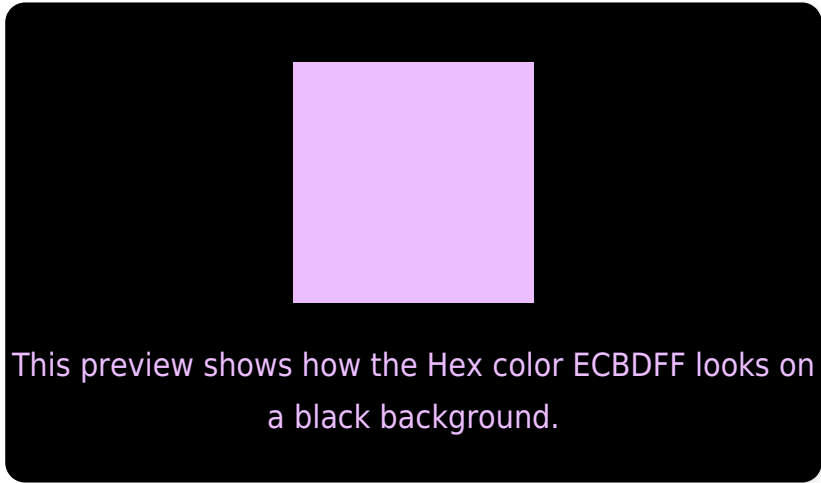
Large Text (above 18pt) WCAG AA × Fail

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 ECBDFE Background



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

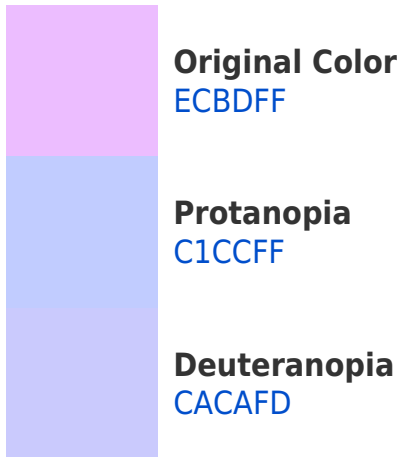


This preview shows how white text looks on a background with the Hex color ECBDFE.

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
E6C5D4

Trichromacy



Original Color
ECBDFF



Protanomaly
D1C7FF



Deuteranomaly
D6C5FE

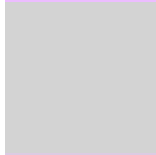


Tritanomaly
E8C2E4

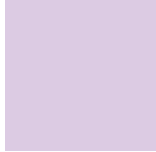
Monochromacy



Original Color
ECBDFF



Achromatopsia
D3D3D3



Achromatomaly
DCCBE3

CSS Examples

Text

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

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

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 #ECBDFE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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