

Converting Colors

Hex(ECB0FF)

Have a look what the booklet for
Hex(ECB0FF) contains.

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Color

Hex(ECB0FF)

Conversions

Conversions Part 1

Format	Color
Hex	ECB0FF
RGB	236, 176, 255
RGB Percent	93%, 69%, 100%
CMY	0.0745, 0.3098, 0.0000
CMYK	0.07, 0.31, 0.00, 0.00
HSL	286°, 100%, 85%
HSV	286°, 31%, 100%
XYZ	68.1674, 56.1035, 101.8440
YIQ	202.9460, 10.4010, 37.2890

Conversions

Conversions Part 2

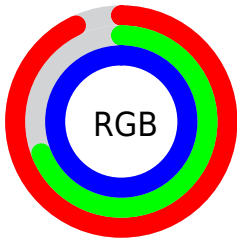
Format	Color
R _Y B	236, 176, 255
Decimal	15511807
CIE Lab	79.67, 35.18, -30.64
CIE LCh	80, 46.650, 318.942
Yxy	56.1035, 0.3015, 0.2481
Android (android.graphics.Color)	4293701887 (0xFFECB0FF)
YUV	202.9460, 25.6626, 28.9884
Hunter-Lab	74.9023, 31.3710, -28.1845

Details

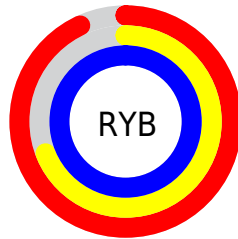
The Hex color **ECB0FF** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **C3FFB0**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **FFE8FF**, and **B37BC6** is the 20% darker color. If you saturate the color by 10%, you get **E696FF**, and if you desaturate by 10%, it is **F2CAFF**.

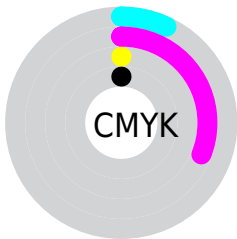
Distribution



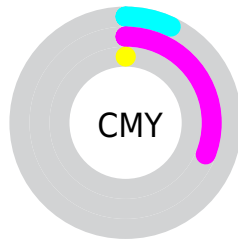
- Red (93%)
- Green (69%)
- Blue (100%)



- Red (93%)
- Yellow (69%)
- Blue (100%)



- Cyan (7%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color ECB0FF 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 ECB0FF by changing the saturation by 10% instead.

 ECB0FF

 ECB0FF

FFFFFF

 CF95E2

 FFE8FF

 B37BC6

 9861AB

 7D4890

 633076

 4A185D

 310045

 1F002F

 000119

 ECB0FF

 ECB0FF

 E696FF

 F2CAFF

 E07DFF

 F8E3FF

 DA63FF

 FEFDFE

 D34AFF

FFFFFF

 CD31FF

 C717FF

 C200FF

Harmonies

Analogous

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



B2C0FF



ECB0FF



FFA4D7

Triad

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



ECB0FF



EFBD70



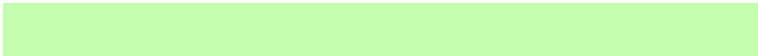
00DCE0

Complementary

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



ECBOFF



C3FFB0

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.



56DBB3



ECB0FF



C6CC71

Square

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



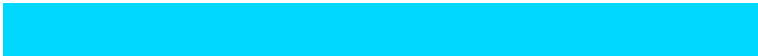
ECB0FF



FFAE86



94D68B



00D8FF

Rectangle

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



ECB0FF



FFA3BA



94D68B



07DCD1

Sweetspot

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



ECB0FF



F9E8FF



B0C4FF



7C7180



000000



808080

Same Dimension

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



ECB0FF



E8A1FF



FFB0EB



7C7380



9100BF



300040

Inverse Universe

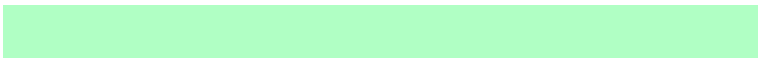
The Inverse Universe completely reimagines the original color for something new.



FFB0C3



FFA1B7



B0FFC4



807376



BF002E



40000F

Previews

White Background



This preview shows how the Hex color ECB0FF looks on a white background.

Color Contrast Check

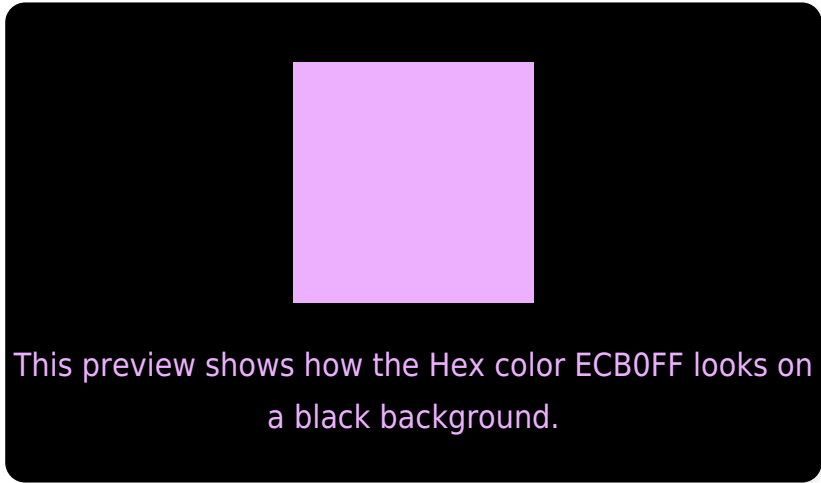
Large Text (above 18pt) WCAG AA × Fail

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 ECB0FF Background



This preview shows how black text looks on a background with the Hex color ECB0FF.



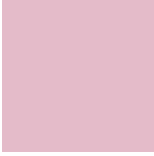
This preview shows how white text looks on a background with the Hex color ECB0FF.

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
E4BBC9

Trichromacy



Original Color
ECB0FF



Protanomaly
C9BDFF



Deuteranomaly
CEBBFD

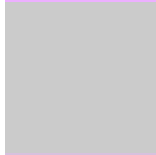


Tritanomaly
E7B7DD

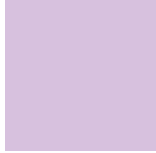
Monochromacy



Original Color
ECB0FF



Achromatopsia
CBCBCB



Achromatomaly
D7C1DE

CSS Examples

Text

The CSS property to change the color of the text to Hex ECB0FF 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 #ECB0FF looks like.

```
.text, #text, p{  
    color:#ECB0FF  
}
```

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 #ECB0FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ECB0FF
}
```

Border

The CSS property to change the border of an element to Hex ECB0FF 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
#ECB0FF }
```

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

```
.border{ border-color:#ECB0FF }
```

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

Here you see how a box with a 4 pixel #ECB0FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ECB0FF; -webkit-box-shadow:4px 4px  
4px 4px #ECB0FF; box-shadow:4px 4px 4px  
4px #ECB0FF }
```

Background

The CSS property to change the background color of an element to Hex ECB0FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ECB0FF }
```

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

```
.background{ background-color:#ECB0FF }
```

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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