

# Converting Colors

Hex(E1B3FF)

Have a look what the booklet for  
Hex(E1B3FF) contains.

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# Color

**Hex(E1B3FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1B3FF
RGB	225, 179, 255
RGB Percent	88%, 70%, 100%
CMY	0.1176, 0.2980, 0.0000
CMYK	0.12, 0.30, 0.00, 0.00
HSL	276°, 100%, 85%
HSV	276°, 30%, 100%
XYZ	65.2214, 55.4678, 101.8765
YIQ	201.4180, 3.0200, 33.3880

# Conversions

## Conversions Part 2

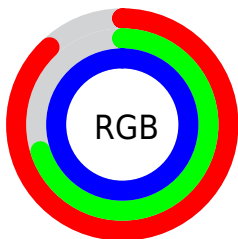
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	225, 179, 255
Decimal	14791679
CIE Lab	79.31, 30.20, -31.29
CIE LCh	79, 43.483, 313.984
Yxy	55.4678, 0.2930, 0.2492
Android (android.graphics.Color)	4292981759 (0xFFE1B3FF)
YUV	201.4180, 26.4159, 20.6814
Hunter-Lab	74.4767, 25.9836, -28.9690

# Details

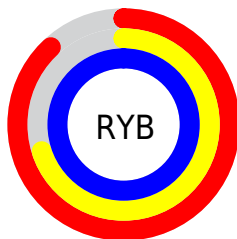
The Hex color **E1B3FF** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **D1FFB3**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FFEBFF**, and **A97EC6** is the 20% darker color. If you saturate the color by 10%, you get **D799FF**, and if you desaturate by 10%, it is **EBCCFF**.

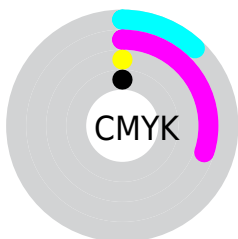
# Distribution



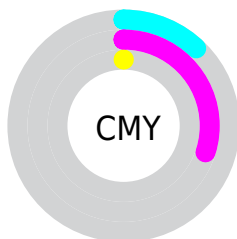
- Red (88%)
- Green (70%)
- Blue (100%)



- Red (88%)
- Yellow (70%)
- Blue (100%)



- Cyan (12%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)



- Cyan (12%)
- Magenta (30%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E1B3FF 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 E1B3FF by changing the saturation by 10% instead.



 E1B3FF

FFFFFF

 FFE8FF

 E1B3FF

 C598E2

 A97EC6

 8E64AB

 734C90

 5A3476

 411D5D

 290645

 17002F

 000119

 E1B3FF

 E1B3FF

 D799FF

 EBCCFF

 CD80FF

 F5E6FF

 C366FF

FFFFFF

 B94DFF

 AF33FF

 A51AFF

 9B00FF

 9A00FF

# Harmonies

## Analogous

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



A8C2FF



E1B3FF



FFA7DC

# Triad

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



E1B3FF



F2BB77



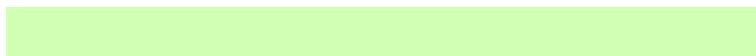
26DAD7

# Complementary

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



E1B3FF



D1FFB3

# 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.



6BD8AD



E1B3FF



CCC874

# Square

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



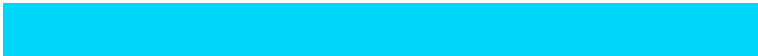
E1B3FF



FFAD8E



9FD289



00D7FB

# Rectangle

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



E1B3FF



FFA5C1



9FD289



40DAC9



# Sweetspot

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



E1B3FF



F6E8FF



B3D1FF



7A7180



000000



808080



# Same Dimension

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



E1B3FF



DBA3FF



FFB3F7



7A7380



7400BF



270040



# Inverse Universe

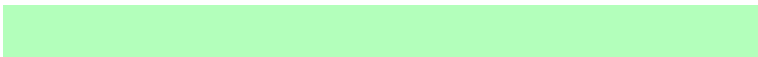
The Inverse Universe completely reimagines the original color for something new.



FFB3D1



FFA3C7



B3FFBB



807378



BF004B

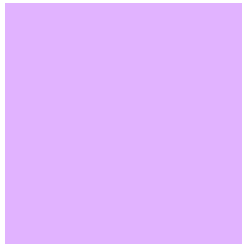


400019



# Previews

## White Background



This preview shows how the Hex color E1B3FF looks on a white background.

## Color Contrast Check

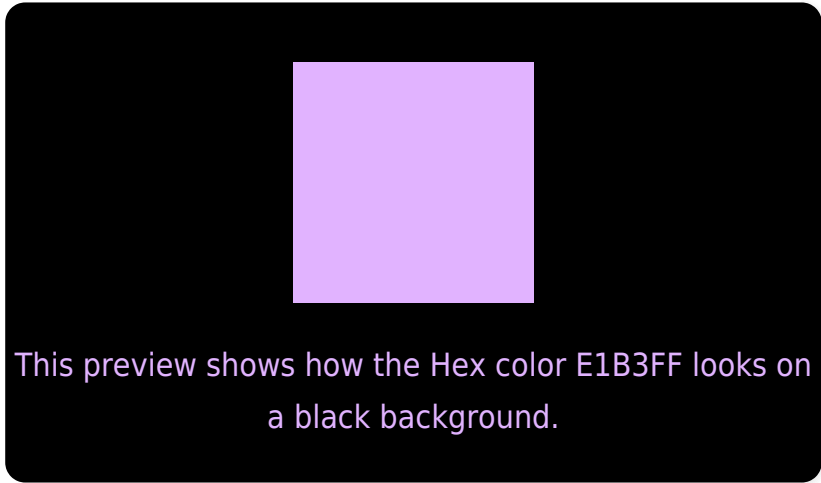
Large Text (above 18pt) WCAG AA × Fail

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 E1B3FF Background



This preview shows how black text looks on a background with the Hex color E1B3FF.

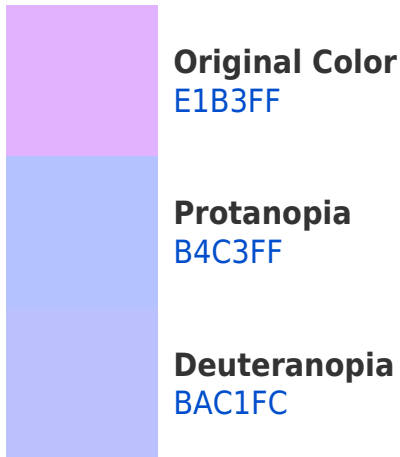


This preview shows how white text looks on a background with the Hex color E1B3FF.

# 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**  
D9BDCC

# Trichromacy



**Original Color**  
E1B3FF



**Protanomaly**  
C4BDFF



**Deuteranomaly**  
C8BCFD



**Tritanomaly**  
DCB9DF

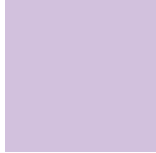
# Monochromacy



**Original Color**  
E1B3FF



**Achromatopsia**  
C9C9C9



**Achromatomaly**  
D2C1DD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E1B3FF 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 #E1B3FF looks like.

```
.text, #text, p{  
    color:#E1B3FF  
}
```

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 #E1B3FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E1B3FF
}
```

## Border

The CSS property to change the border of an element to Hex E1B3FF 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
#E1B3FF }
```

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

```
.border{ border-color:#E1B3FF }
```

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

Here you see how a box with a 4 pixel #E1B3FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E1B3FF; -webkit-box-shadow:4px 4px  
4px 4px #E1B3FF; box-shadow:4px 4px 4px  
4px #E1B3FF }
```

# Background

The CSS property to change the background color of an element to Hex E1B3FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E1B3FF }
```

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

```
.background{ background-color:#E1B3FF }
```

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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