

# Converting Colors

Hex(E1ABFF)

Have a look what the booklet for  
Hex(E1ABFF) contains.

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# Color

**Hex(E1ABFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1ABFF
RGB	225, 171, 255
RGB Percent	88%, 67%, 100%
CMY	0.1176, 0.3294, 0.0000
CMYK	0.12, 0.33, 0.00, 0.00
HSL	279°, 100%, 84%
HSV	279°, 33%, 100%
XYZ	63.6642, 52.3534, 101.3575
YIQ	196.7220, 5.2200, 37.5720

# Conversions

## Conversions Part 2

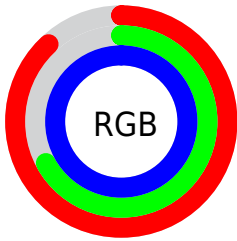
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	225, 171, 255
Decimal	14789631
CIE <sub>Lab</sub>	77.49, 34.50, -34.09
CIE <sub>LCh</sub>	77, 48.498, 315.340
Yxy	52.3534, 0.2929, 0.2408
Android (android.graphics.Color)	4292979711 (0xFFE1ABFF)
YUV	196.7220, 28.7311, 24.7998
Hunter-Lab	72.3556, 30.4362, -32.4059

# Details

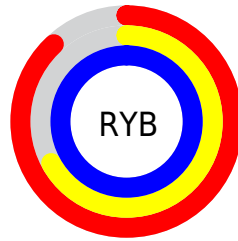
The Hex color **E1ABFF** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **C9FFAB**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **FFE3FF**, and **A976C6** is the 20% darker color. If you saturate the color by 10%, you get **D892FF**, and if you desaturate by 10%, it is **EAC4FF**.

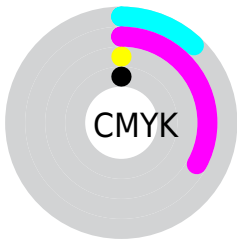
# Distribution



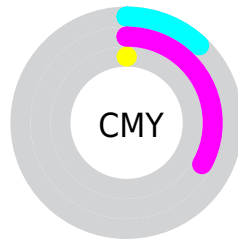
- Red (88%)
- Green (67%)
- Blue (100%)



- Red (88%)
- Yellow (67%)
- Blue (100%)



- Cyan (12%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)



- Cyan (12%)
- Magenta (33%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E1ABFF 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 E1ABFF by changing the saturation by 10% instead.



 E1ABFF

FFFFFF

 FFE3FF

 E1ABFF

 C590E2

 A976C6

 8D5DAA

 734490

 592C76

 40155D

 270045

 12002E

 000118

 E1ABFF

 E1ABFF

 D892FF

 EAC4FF

 CF78FF

 F3DEFF

 C65FFF

 FCF8FF

 BD45FF

FFFFFF

 B32CFF

 AA12FF

 A400FF

# Harmonies

## Analogous

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



A1BCFF



E1ABFF



FF9ED7

# Triad

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



E1ABFF



EEB568



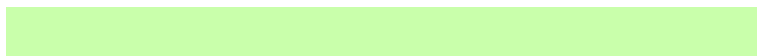
00D7D6

# Complementary

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



E1ABFF



C9FFAB

# 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.



52D5A7



E1ABFF



C5C466

# Square

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



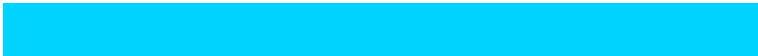
E1ABFF



FFA581



92CF7E



00D3FE

# Rectangle

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



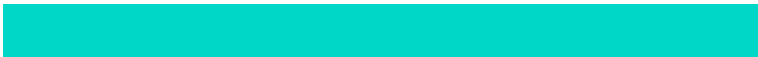
E1ABFF



FF9BB9



92CF7E



00D7C6



# Sweetspot

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



E1ABFF



F6E6FF



ABCAFF



7A7080



000000



808080



# Same Dimension

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



E1ABFF



DB99FF



FFABF4



7B7380



7B00BF



290040



# Inverse Universe

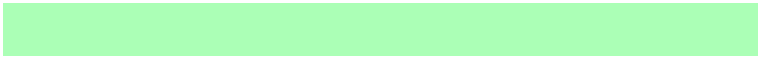
The Inverse Universe completely reimagines the original color for something new.



FFABC9



FF99BD



ABFFB6



807377



BF0044

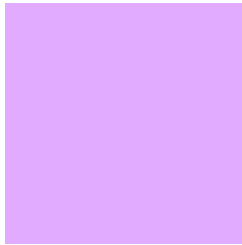


400017



# Previews

## White Background



This preview shows how the Hex color E1ABFF looks on a white background.

## Color Contrast Check

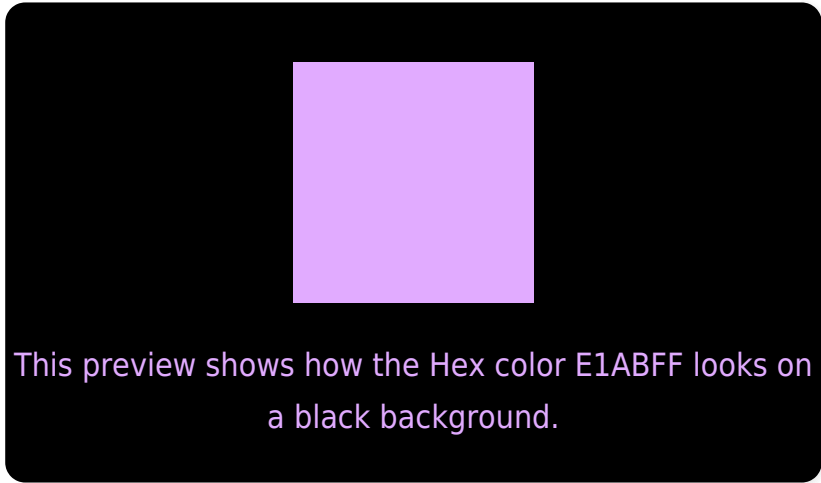
Large Text (above 18pt) WCAG AA × Fail

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

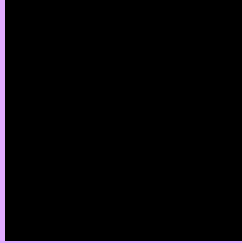
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E1ABFF Background



This preview shows how black text looks on a background with the Hex color E1ABFF.



This preview shows how white text looks on a background with the Hex color E1ABFF.

# 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**  
D8B7C5

# Trichromacy



**Original Color**  
E1ABFF



**Protanomaly**  
C0B7FF



**Deuteranomaly**  
C3B6FD



**Tritanomaly**  
DBB3DA

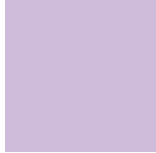
# Monochromacy



**Original Color**  
E1ABFF



**Achromatopsia**  
C5C5C5



**Achromatomaly**  
CFBCDA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E1ABFF 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 #E1ABFF looks like.

```
.text, #text, p{  
    color:#E1ABFF  
}
```

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 #E1ABFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E1ABFF
}
```

## Border

The CSS property to change the border of an element to Hex E1ABFF 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
#E1ABFF }
```

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

```
.border{ border-color:#E1ABFF }
```

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

Here you see how a box with a 4 pixel #E1ABFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E1ABFF; -webkit-box-shadow:4px 4px  
4px 4px #E1ABFF; box-shadow:4px 4px 4px  
4px #E1ABFF }
```

# Background

The CSS property to change the background color of an element to Hex E1ABFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E1ABFF }
```

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

```
.background{ background-color:#E1ABFF }
```

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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