

# Converting Colors

Hex(E3BAFF)

Have a look what the booklet for  
Hex(E3BAFF) contains.

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# **Color**

**Hex(E3BAFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3BAFF
RGB	227, 186, 255
RGB Percent	89%, 73%, 100%
CMY	0.1098, 0.2706, 0.0000
CMYK	0.11, 0.27, 0.00, 0.00
HSL	276°, 100%, 86%
HSV	276°, 27%, 100%
XYZ	67.2875, 58.6687, 102.3855
YIQ	206.1250, 2.2870, 30.1510

# Conversions

## Conversions Part 2

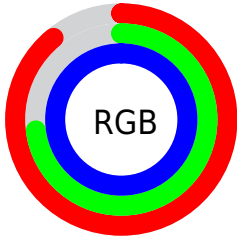
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	227, 186, 255
Decimal	14924543
CIE <sub>Lab</sub>	81.11, 27.05, -28.51
CIE <sub>LCh</sub>	81, 39.301, 313.495
Y <sub>xy</sub>	58.6687, 0.2947, 0.2569
Android (android.graphics.Color)	4293114623 (0xFFE3BAFF)
Y <sub>UV</sub>	206.1250, 24.0954, 18.3074
Hunter-Lab	76.5955, 22.7662, -25.6363

# Details

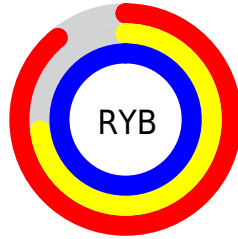
The Hex color **E3BAFF** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **D6FFBA**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **FFF2FF**, and **AB85C6** is the 20% darker color. If you saturate the color by 10%, you get **D9A1FF**, and if you desaturate by 10%, it is **EDD3FF**.

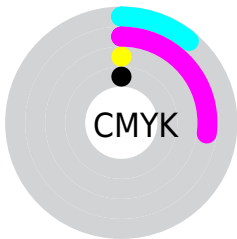
# Distribution



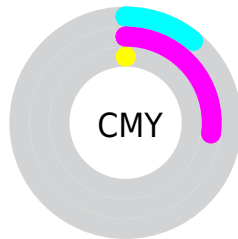
- Red (89%)
- Green (73%)
- Blue (100%)



- Red (89%)
- Yellow (73%)
- Blue (100%)



- Cyan (11%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (11%)
- Magenta (27%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E3BAFF 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 E3BAFF by changing the saturation by 10% instead.



 E3BAFF

FFFFFF

 FFF2FF

 E3BAFF

 C79FE2

 AB85C6

 906BAB

 765290

 5C3B76

 44245D

 2C0E45

 1A002F

 000119

 E3BAFF

 E3BAFF

 D9A1FF

 EDD3FF

 CE87FF

 F8EDFF

 C46DFF

FFFFFF

 BA54FF

 AF3AFF

 A521FF

 9B08FF

 9800FF

# Harmonies

## Analogous

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



B0C7FF



E3BAFF



FFB0DF

# Triad

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



E3BAFF



F4C083



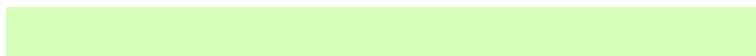
50DDD9

# Complementary

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



E3BAFF



D6FFBA

# 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.



7CDCB3



E3BAFF



D2CC81

# Square

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



E3BAFF



FFB498



A9D693



46DBFB

# Rectangle

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



E3BAFF



FFADC6



A9D693



5EDDCD



# Sweetspot

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



E3BAFF



F7EBFF



BAD7FF



7A7380



000000



808080



# Same Dimension

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



E3BAFF



DEADFF



FFBAF9



7A7380



7200BF



260040



# Inverse Universe

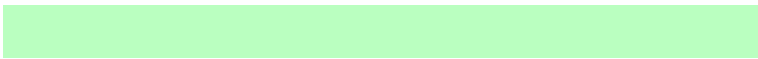
The Inverse Universe completely reimagines the original color for something new.



FFBAD6



FFADCF



BAFFC0



807378



BF004E

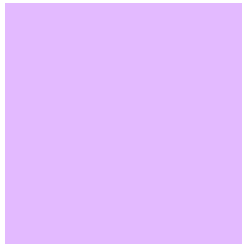


40001A



# Previews

## White Background



This preview shows how the Hex color E3BAFF looks on a white background.

## Color Contrast Check

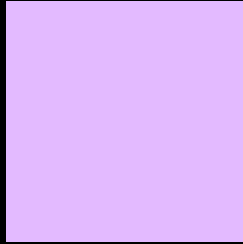
Large Text (above 18pt) WCAG AA × Fail

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 E3BAFF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

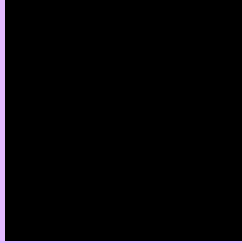
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E3BAFF Background



This preview shows how black text looks on a background with the Hex color E3BAFF.



This preview shows how white text looks on a background with the Hex color E3BAFF.

# Color Blindness Simulation

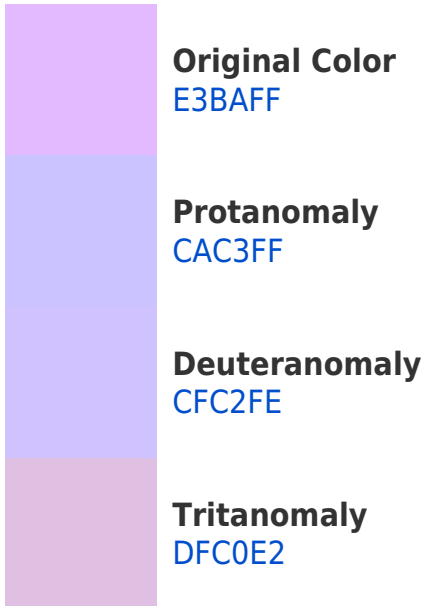
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

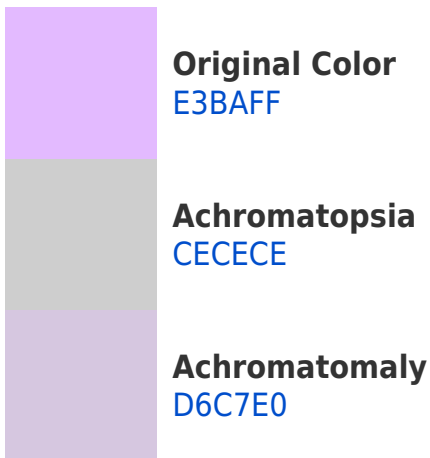




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E3BAFF 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 #E3BAFF looks like.

```
.text, #text, p{  
    color:#E3BAFF  
}
```

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 #E3BAFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3BAFF
}
```

## Border

The CSS property to change the border of an element to Hex E3BAFF 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
#E3BAFF }
```

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

```
.border{ border-color:#E3BAFF }
```

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

Here you see how a box with a 4 pixel #E3BAFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3BAFF; -webkit-box-shadow:4px 4px  
4px 4px #E3BAFF; box-shadow:4px 4px 4px  
4px #E3BAFF }
```

# Background

The CSS property to change the background color of an element to Hex E3BAFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3BAFF }
```

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

```
.background{ background-color:#E3BAFF }
```

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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