

# Converting Colors

Hex(E3C1FF)

Have a look what the booklet for  
Hex(E3C1FF) contains.

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# **Color**

**Hex(E3C1FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3C1FF
RGB	227, 193, 255
RGB Percent	89%, 76%, 100%
CMY	0.1098, 0.2431, 0.0000
CMYK	0.11, 0.24, 0.00, 0.00
HSL	273°, 100%, 88%
HSV	273°, 24%, 100%
XYZ	68.7985, 61.6908, 102.8892
YIQ	210.2340, 0.3620, 26.4900

# Conversions

## Conversions Part 2

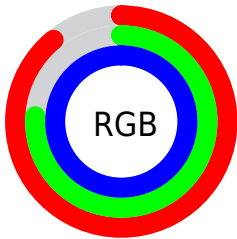
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	227, 193, 255
Decimal	14926335
CIE <sub>Lab</sub>	82.75, 23.29, -26.00
CIE <sub>LCh</sub>	83, 34.912, 311.853
Yxy	61.6908, 0.2948, 0.2643
Android (android.graphics.Color)	4293116415 (0xFFE3C1FF)
YUV	210.2340, 22.0696, 14.7038
Hunter-Lab	78.5435, 18.9022, -22.6873

# Details

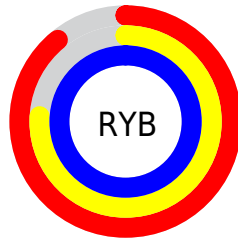
The Hex color **E3C1FF** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **DDFFC1**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **FFFAFF**, and **AB8BC6** is the 20% darker color. If you saturate the color by 10%, you get **D7A8FF**, and if you desaturate by 10%, it is **EFDBFF**.

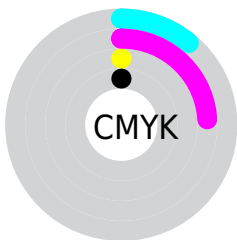
# Distribution



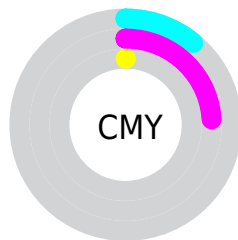
- Red (89%)
- Green (76%)
- Blue (100%)



- Red (89%)
- Yellow (76%)
- Blue (100%)



- Cyan (11%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (11%)
- Magenta (24%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E3C1FF 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 E3C1FF by changing the saturation by 10% instead.



 E3C1FF

FFFFFF

 FFFAFF

 E3C1FF

 C7A6E2

 AB8BC6

 9072AB

 765990

 5D4176

 442A5D

 2D1545

 19002F

 000119

 E3C1FF

 E3C1FF

 D7A8FF

 EFDBFF

 CC8EFF

 FAF4FF

 C075FF

FFFFFF

 B55BFF

 A942FF

 9E28FF

 920FFF

 8C00FF

# Harmonies

## Analogous

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



B6CFFF



E3C1FF



FFB8E3

# Triad

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



E3C1FF



F7C590



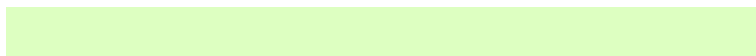
6CE0DA

# Complementary

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



E3C1FF



DDFFC1

# 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.



8DDFB8



E3C1FF



D8D08D

# Square

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



E3C1FF



FFBBA4



B3D99C



66DEF9

# Rectangle

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



E3C1FF



FFB5CD



B3D99C



76E0CF



# Sweetspot

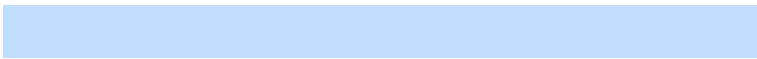
The Sweet Spot groups the original color and five complimentary colors.



E3C1FF



F7EDFF



C1DEFF



7B7580



000000



808080



# Same Dimension

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



E3C1FF



DEB5FF



FFC1FD



7A7380



6900BF



230040



# Inverse Universe

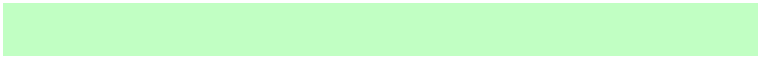
The Inverse Universe completely reimagines the original color for something new.



FFC1DD



FFB5D6



C1FFC3



807379



BF0056

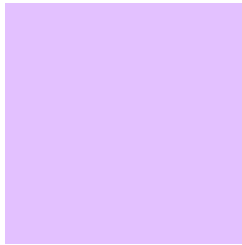


40001D



# Previews

## White Background



This preview shows how the Hex color E3C1FF looks on a white background.

## Color Contrast Check

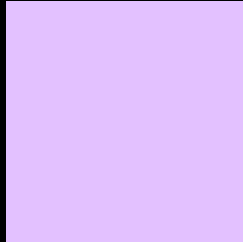
Large Text (above 18pt) WCAG AA × Fail

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 E3C1FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

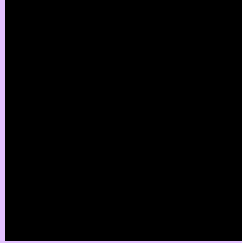
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E3C1FF Background



This preview shows how black text looks on a background with the Hex color E3C1FF.

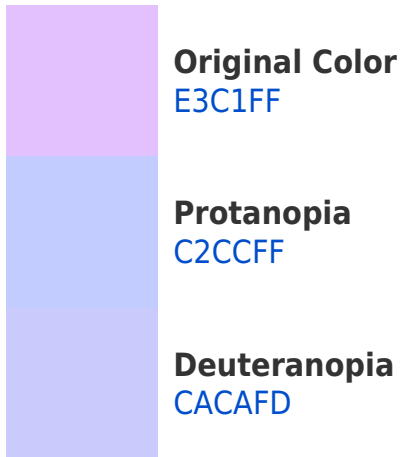


This preview shows how white text looks on a background with the Hex color E3C1FF.

# 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](#).

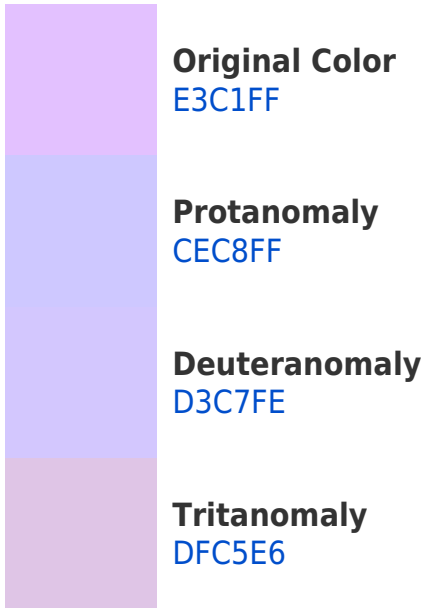
## Dichromacy



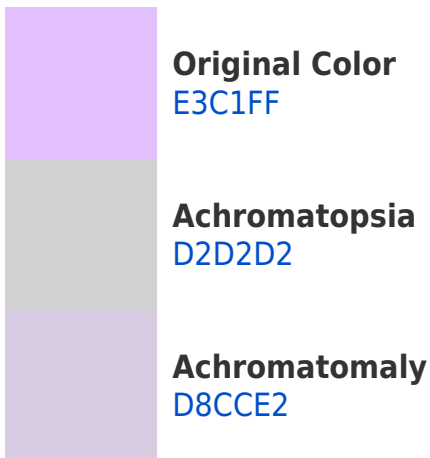


**Tritanopia**  
DDC8D8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E3C1FF 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 #E3C1FF looks like.

```
.text, #text, p{  
    color:#E3C1FF  
}
```

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 #E3C1FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3C1FF
}
```

## Border

The CSS property to change the border of an element to Hex E3C1FF 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
#E3C1FF }
```

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

```
.border{ border-color:#E3C1FF }
```

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

Here you see how a box with a 4 pixel #E3C1FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3C1FF; -webkit-box-shadow:4px 4px  
4px 4px #E3C1FF; box-shadow:4px 4px 4px  
4px #E3C1FF }
```

# Background

The CSS property to change the background color of an element to Hex E3C1FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3C1FF }
```

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

```
.background{ background-color:#E3C1FF }
```

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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