

Converting Colors

Hex(E3C5FF)

Have a look what the booklet for
Hex(E3C5FF) contains.

Hex(E3C5FF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E3C5FF)

Conversions

Conversions Part 1

Format	Color
Hex	E3C5FF
RGB	227, 197, 255
RGB Percent	89%, 77%, 100%
CMY	0.1098, 0.2275, 0.0000
CMYK	0.11, 0.23, 0.00, 0.00
HSL	271°, 100%, 89%
HSV	271°, 23%, 100%
XYZ	69.6948, 63.4834, 103.1879
YIQ	212.5820, -0.7380, 24.3980

Conversions

Conversions Part 2

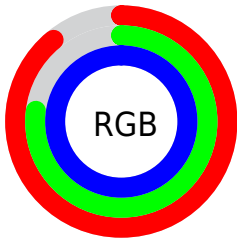
Format	Color
R_{YB}	227, 197, 255
Decimal	14927359
CIE _{Lab}	83.70, 21.15, -24.56
CIE _{LCh}	84, 32.413, 310.735
Yxy	63.4834, 0.2949, 0.2686
Android (android.graphics.Color)	4293117439 (0xFFE3C5FF)
YUV	212.5820, 20.9121, 12.6446
Hunter-Lab	79.6765, 16.7042, -21.0122

Details

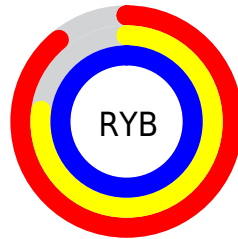
The Hex color **E3C5FF** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **E1FFC5**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **FFFEFF**, and **AB8FC6** is the 20% darker color. If you saturate the color by 10%, you get **D7ACFF**, and if you desaturate by 10%, it is **EFDFFF**.

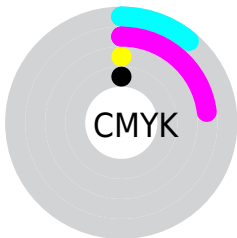
Distribution



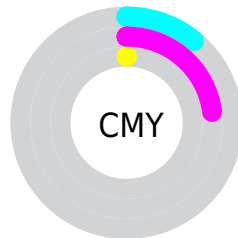
- Red (89%)
- Green (77%)
- Blue (100%)



- Red (89%)
- Yellow (77%)
- Blue (100%)



- Cyan (11%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)



- Cyan (11%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color E3C5FF 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 E3C5FF by changing the saturation by 10% instead.

 E3C5FF

FFFFFF

FFFEFF

 E3C5FF

 C7AAE2

 AB8FC6

 9075AB

 765D90

 5D4576

 452E5D

 2D1946

 19002F

 00011A

 E3C5FF

 E3C5FF

 D7ACFF

 EFDFFF

 CA92FF

 FCF8FF

 BE79FF

FFFFFF

 B25FFF

 A545FF

 992CFF

 8D12FF

 8400FF

Harmonies

Analogous

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



BAD0FF



E3C5FF



FFBDE6

Triad

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



E3C5FF



F8C898



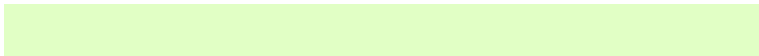
7AE2DB

Complementary

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



E3C5FF



E1FFC5

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.



96E0BC



E3C5FF



DBD294

Square

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



E3C5FF



FFBFAA



B9DBA2



74DFF7

Rectangle

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



E3C5FF



FFBAD1



B9DBA2



82E2D0

Sweetspot

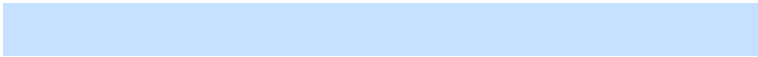
The Sweet Spot groups the original color and five complimentary colors.



E3C5FF



F6EDFF



C5E1FF



7B7580



000000



808080

Same Dimension

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



E3C5FF



DEBAFF



FFC5FE



797380



6300BF



210040

Inverse Universe

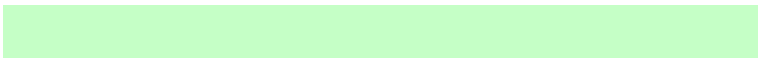
The Inverse Universe completely reimagines the original color for something new.



FFC5E1



FFBADB



C5FFC6



807379



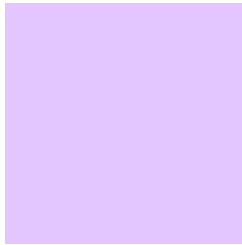
BF005C



40001F

Previews

White Background



This preview shows how the Hex color E3C5FF looks on a white background.

Color Contrast Check

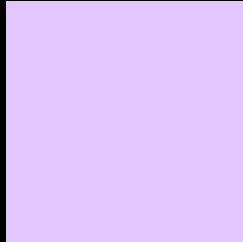
Large Text (above 18pt) WCAG AA × Fail

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 E3C5FF 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 E3C5FF Background



This preview shows how black text looks on a background with the Hex color E3C5FF.



This preview shows how white text looks on a background with the Hex color E3C5FF.

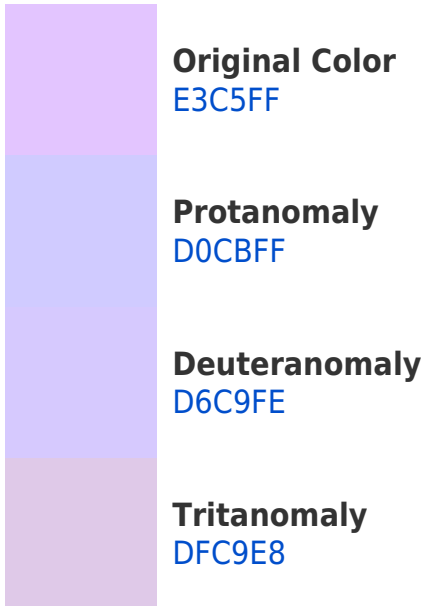
Color Blindness Simulation

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](#).

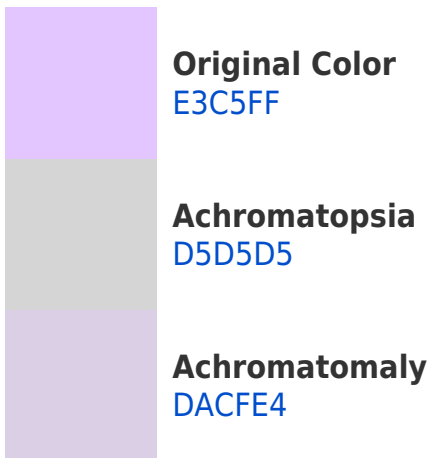
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E3C5FF 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 #E3C5FF looks like.

```
.text, #text, p{  
    color:#E3C5FF  
}
```

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 #E3C5FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3C5FF
}
```

Border

The CSS property to change the border of an element to Hex E3C5FF 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
#E3C5FF }
```

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

```
.border{ border-color:#E3C5FF }
```

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

Here you see how a box with a 4 pixel #E3C5FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3C5FF; -webkit-box-shadow:4px 4px  
4px 4px #E3C5FF; box-shadow:4px 4px 4px  
4px #E3C5FF }
```

Background

The CSS property to change the background color of an element to Hex E3C5FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3C5FF }
```

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

```
.background{ background-color:#E3C5FF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor