

Converting Colors

Hex(E3AFFF)

Have a look what the booklet for
Hex(E3AFFF) contains.

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Color

Hex(E3AFFF)

Conversions

Conversions Part 1

Format	Color
Hex	E3AFFF
RGB	227, 175, 255
RGB Percent	89%, 69%, 100%
CMY	0.1098, 0.3137, 0.0000
CMYK	0.11, 0.31, 0.00, 0.00
HSL	279°, 100%, 84%
HSV	279°, 31%, 100%
XYZ	65.0585, 54.2108, 101.6425
YIQ	199.6680, 5.3120, 35.9040

Conversions

Conversions Part 2

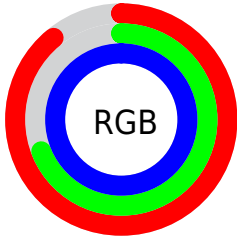
Format	Color
R_{YB}	227, 175, 255
Decimal	14921727
CIE _{Lab}	78.58, 32.96, -32.39
CIE _{LCh}	79, 46.207, 315.498
Yxy	54.2108, 0.2945, 0.2454
Android (android.graphics.Color)	4293111807 (0xFFE3AFFF)
YUV	199.6680, 27.2787, 23.9702
Hunter-Lab	73.6280, 28.8756, -30.3095

Details

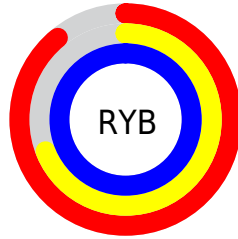
The Hex color **E3AFFF** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **CBFFAF**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **FFE7FF**, and **AB7AC6** is the 20% darker color. If you saturate the color by 10%, you get **DA95FF**, and if you desaturate by 10%, it is **ECC9FF**.

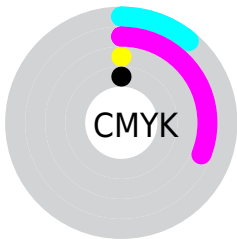
Distribution



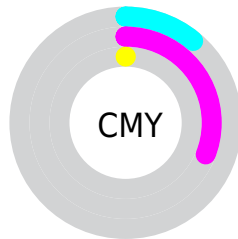
- Red (89%)
- Green (69%)
- Blue (100%)



- Red (89%)
- Yellow (69%)
- Blue (100%)



- Cyan (11%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (11%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color E3AFFF 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 E3AFFF by changing the saturation by 10% instead.

 E3AFFF

FFFFFF

 FFE7FF

 E3AFFF

 C794E2

 AB7AC6


 8F60AB

 754890

 5B3076

 42195D

 2A0245

 17002E

 000118

 E3AFFF

 E3AFFF

 DA95FF

 ECC9FF

 D17CFF

 F5E2FF

 C862FF

 FEFCFF

 BF49FF

FFFFFF

 B630FF

 AD16FF

 A600FF

Harmonies

Analogous

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



A7BFFF



E3AFFF



FFA3D9

Triad

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



E3AFFF



F0B96F



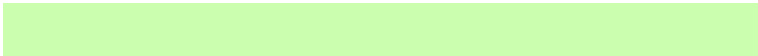
00D9D8

Complementary

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



E3AFFF



CBFFAF

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.



5DD8AC



E3AFFF



C8C76E

Square

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



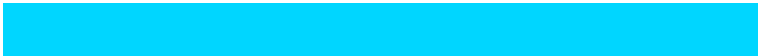
E3AFFF



FFAA87



98D285



00D6FF

Rectangle

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



E3AFFF



FFA0BC



98D285



1FD9C9

Sweetspot

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



E3AFFF



F7E8FF



AFCBFF



7B7180



000000



808080

Same Dimension

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



E3AFFF



DD9EFF



FFAFF4



7B7380



7C00BF



290040

Inverse Universe

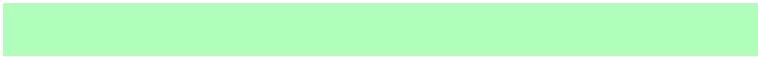
The Inverse Universe completely reimagines the original color for something new.



FFAFCB



FF9EC0



AFFFBA



807377



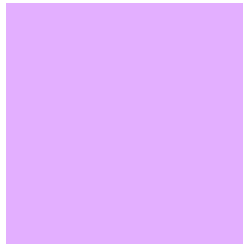
BF0043



400016

Previews

White Background



This preview shows how the Hex color E3AFFF looks on a white background.

Color Contrast Check

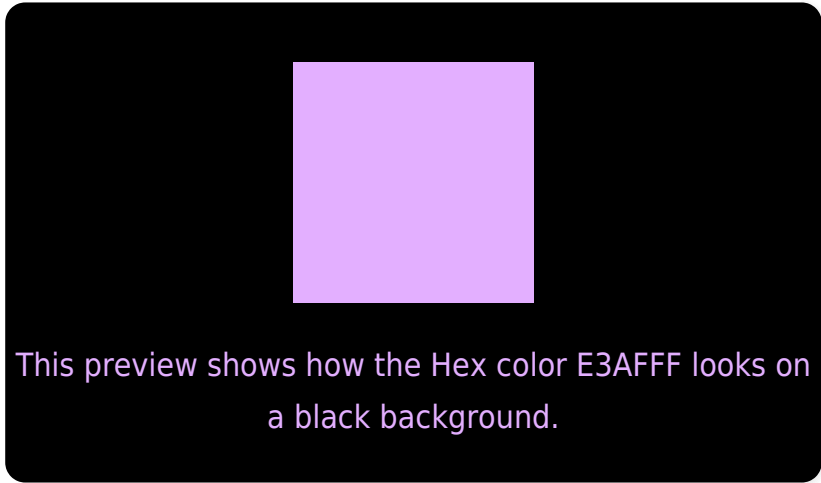
Large Text (above 18pt) WCAG AA × Fail

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

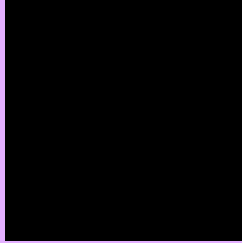
Any Text WCAG AA ✓ Pass

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 E3AFFE Background



This preview shows how black text looks on a background with the Hex color E3AFFE.

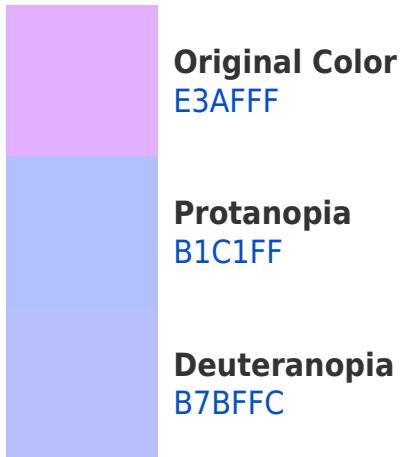


This preview shows how white text looks on a background with the Hex color E3AFFE.

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



Original Color
E3AFFF



Protanomaly
C3BAFF



Deuteranomaly
C7B9FD



Tritanomaly
DEB6DC

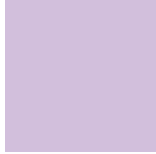
Monochromacy



Original Color
E3AFFF



Achromatopsia
C8C8C8



Achromatomaly
D2BFDC

CSS Examples

Text

The CSS property to change the color of the text to Hex E3AFFF 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 #E3AFFF looks like.

```
.text, #text, p{  
    color:#E3AFFF  
}
```

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 #E3AFFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3AFFF
}
```

Border

The CSS property to change the border of an element to Hex E3AFFF is called "border". The border property can be set on classes, ids or directly on the HTML element.

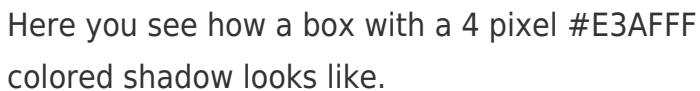
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E3AFFF }
```

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

```
.border{ border-color:#E3AFFF }
```

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



Here you see how a box with a 4 pixel #E3AFFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3AFFF; -webkit-box-shadow:4px 4px  
4px 4px #E3AFFF; box-shadow:4px 4px 4px  
4px #E3AFFF }
```

Background

The CSS property to change the background color of an element to Hex E3AFFE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3AFFE }
```

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

```
.background{ background-color:#E3AFFE }
```

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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