

# Converting Colors

Hex(E1AEEF)

Have a look what the booklet for  
Hex(E1AEEF) contains.

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# Color

**Hex(E1AEEF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1AEEF
RGB	225, 174, 239
RGB Percent	88%, 68%, 94%
CMY	0.1176, 0.3176, 0.0627
CMYK	0.06, 0.27, 0.00, 0.06
HSL	287°, 67%, 81%
HSV	287°, 27%, 94%
XYZ	61.7674, 52.5117, 88.5416
YIQ	196.6590, 9.5310, 31.0270

# Conversions

## Conversions Part 2

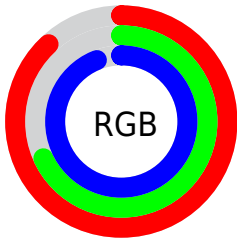
<b>Format</b>	<b>Color</b>
RYB	225, 174, 239
Decimal	14790383
CIELab	77.59, 29.70, -25.32
CIELCh	78, 39.031, 319.550
Yxy	52.5117, 0.3045, 0.2589
Android (android.graphics.Color)	4292980463 (0xFFE1AEEF)
YUV	196.6590, 20.8741, 24.8551
Hunter-Lab	72.4649, 25.3355, -21.7183

# Details

The Hex color **E1AEEF** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **BCEFAE**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **FFE6FF**, and **A979B7** is the 20% darker color. If you saturate the color by 10%, you get **DC96EF**, and if you desaturate by 10%, it is **E6C6EF**.

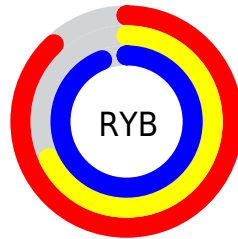
# Distribution



Red (88%)

Green (68%)

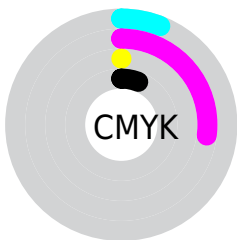
Blue (94%)



Red (88%)

Yellow (68%)

Blue (94%)

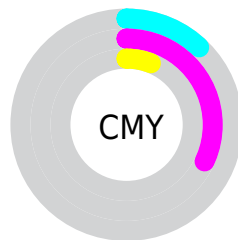


Cyan (6%)

Magenta (27%)

Yellow (0%)

Black (6%)



Cyan (12%)

Magenta (32%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E1AEEF 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 E1AEEF by changing the saturation by 10% instead.



 E1AEEF

FFFFFF

 FFE6FF

 E1AEEF

 C593D3

 A979B7

 8E609C

 744782

 5A3068

 421950

 2A0239

 150023

 00000A

 E1AEEF

 E1AEEF

 DC96EF

 E6C6EF

 D77EEF

 EBDEEF

 D266EF

 F0F6EF

 CC4EEF

 F6FFEF

 C737EF

 FBFFEF

 C21FEF

 FFFFEF

 BD07EF

 BC00EF

# Harmonies

## Analogous

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



B2BBFF



E1AEFF



FEA5CE

# Triad

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



E1AEEF



E3B979



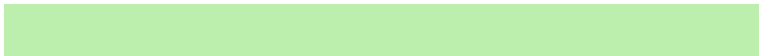
3DD3D7

# Complementary

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



E1AEEF



BCEFAE

# 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.



69D2B1



E1AEEF



C0C57A

# Square

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



E1AEEF



FDAD8A



97CE90



40CFF6

# Rectangle

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



E1AEFF



FFA4B5



97CE90



4AD3CA



# Sweetspot

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



E1AEEF



FBEBFF



AEBCEF



7D7380



000000



808080



# Same Dimension

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



E1AEEF



EDABFF



EFAEDD



756C78



9000B8



2C0038



# Inverse Universe

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



EFAEBC



FFABBD



AEEFC0



786C6E



B80028

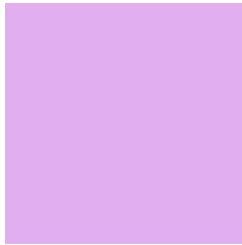


38000C



# Previews

## White Background



This preview shows how the Hex color E1AEEF looks on a white background.

## Color Contrast Check

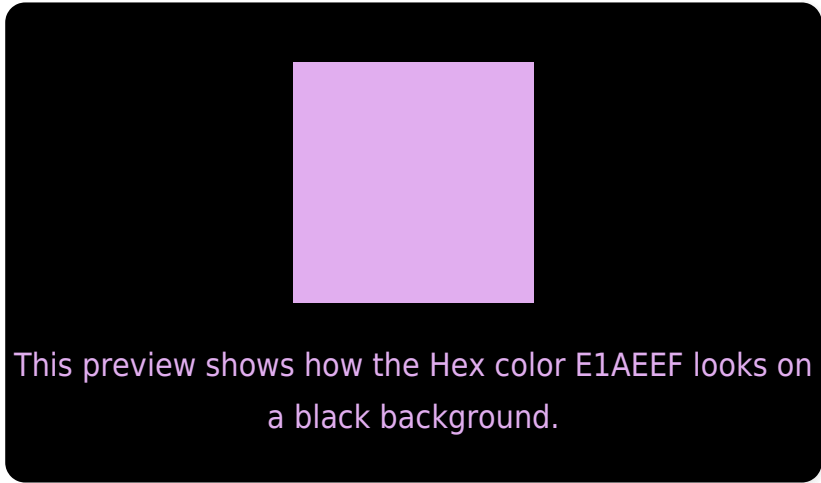
Large Text (above 18pt) WCAG AA × Fail

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

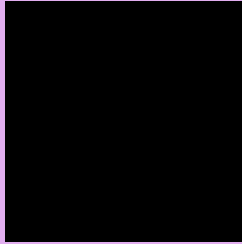
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E1AEEF Background



This preview shows how black text looks on a background with the Hex color E1AEEF.



This preview shows how white text looks on a background with the Hex color E1AEEF.

# 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](#).

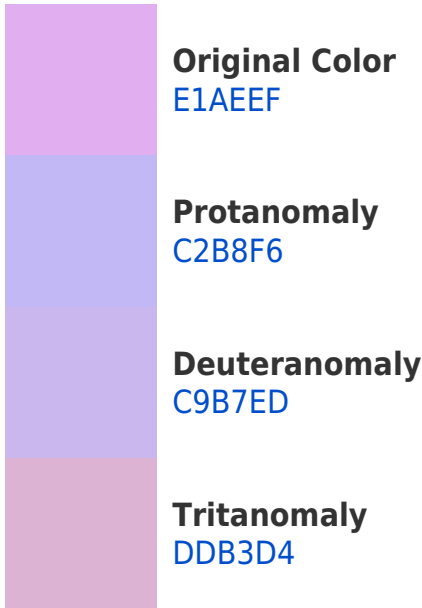
## Dichromacy



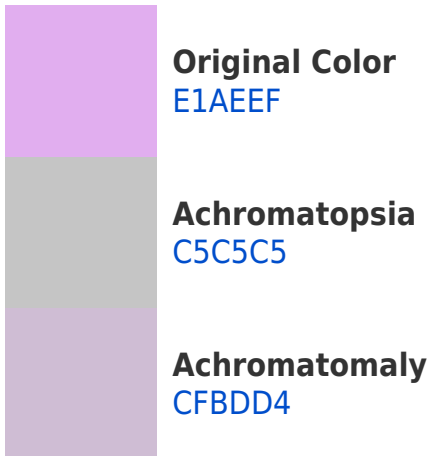


**Tritanopia**  
DBB6C4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E1AEEF 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 #E1AEEF looks like.

```
.text, #text, p{  
    color:#E1AEEF  
}
```

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 #E1AEFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E1AEFF
}
```

## Border

The CSS property to change the border of an element to Hex E1AEFF is called "border". The border property can be set on classes, ids or directly on the HTML element.

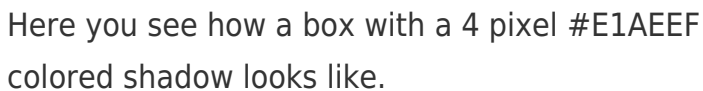
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E1AEFF }
```

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

```
.border{ border-color:#E1AEEF }
```

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



Here you see how a box with a 4 pixel #E1AEEF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E1AEEF; -webkit-box-shadow:4px 4px  
4px 4px #E1AEEF; box-shadow:4px 4px 4px  
4px #E1AEEF }
```

# Background

The CSS property to change the background color of an element to Hex E1AEEF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E1AEEF }
```

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

```
.background{ background-color:#E1AEEF }
```

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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