

# Converting Colors

Hex(EECAFF)

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

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# **Color**

**Hex(EECAFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EECAFF
RGB	238, 202, 255
RGB Percent	93%, 79%, 100%
CMY	0.0667, 0.2078, 0.0000
CMYK	0.07, 0.21, 0.00, 0.00
HSL	281°, 100%, 90%
HSV	281°, 21%, 100%
XYZ	74.4304, 67.6382, 103.7403
YIQ	218.8060, 4.4430, 24.1150

# Conversions

## Conversions Part 2

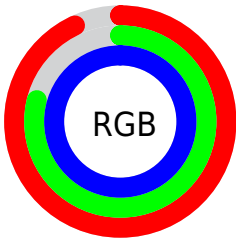
Format	Color
R <sub>Y</sub> B	238, 202, 255
Decimal	15649535
CIE Lab	85.83, 21.96, -21.24
CIE LCh	86, 30.554, 315.960
Yxy	67.6382, 0.3028, 0.2752
Android (android.graphics.Color)	4293839615 (0xFFEECAFF)
YUV	218.8060, 17.8436, 16.8331
Hunter-Lab	82.2424, 17.6204, -17.2185

# Details

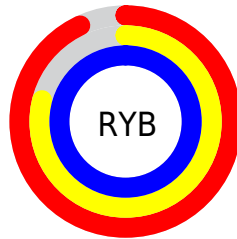
The Hex color **EECAFF** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **DBFFCA**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **FFFFFF**, and **B694C6** is the 20% darker color. If you saturate the color by 10%, you get **E6B1FF**, and if you desaturate by 10%, it is **F6E3FF**.

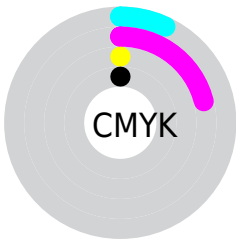
# Distribution



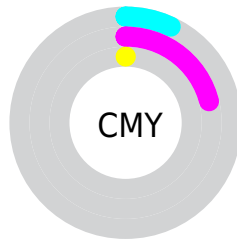
- Red (93%)
- Green (79%)
- Blue (100%)



- Red (93%)
- Yellow (79%)
- Blue (100%)



- Cyan (7%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (21%)
- Yellow (0%)

# Brightness & Saturation Gradients

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



 EECAFF

 EECAFF

FFFFFF

 D2AFE2

 B694C6

 9B7AAB

 806190

 674976

 4E325E

 371C46

 20062F

 00001A

 EECAFF

 EECAFF

 E6B1FF

 F6E3FF

 DE97FF

 FEFDFD

 D57DFF

 FFFFFFFF

 CD64FF

 C54BFF

 BD31FF

 B518FF

 AD00FF

# Harmonies

## Analogous

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



C9D4FF



ECAFF



FFC3E5

# Triad

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



EECAFF



F8D09F



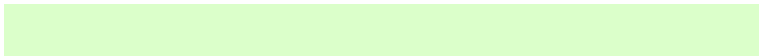
84E7E5

# Complementary

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



EECAFF



DBFFCA

# 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.



9BE6C8



EECAFF



DCDA9F

# Square

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



EECAFF



FFC7AE



BBE1AE



84E4FF

# Rectangle

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



EECAFF



FFC1D2



BBE1AE



8AE7DC



# Sweetspot

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



EECAFF



FAF0FF



CADCFF



7D7780



000000



808080



# Same Dimension

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



EECAFF



EBBFFF



FFCAF6



7B7380



8200BF



2B0040



# Inverse Universe

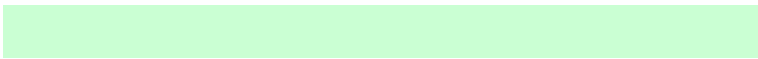
The Inverse Universe completely reimagines the original color for something new.



FFCADB



FFBFD4



CAFFD3



807377



BF003D



400014



# Previews

## White Background



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

## Color Contrast Check

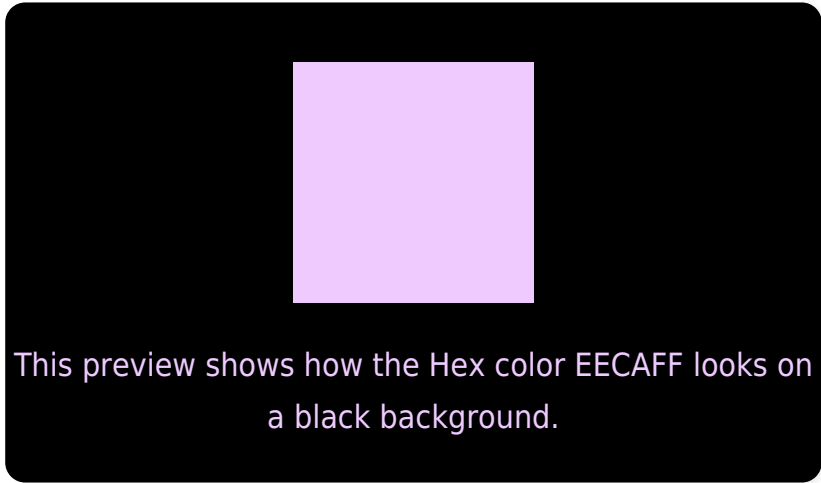
Large Text (above 18pt) WCAG AA × Fail

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 EECAFF Background



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

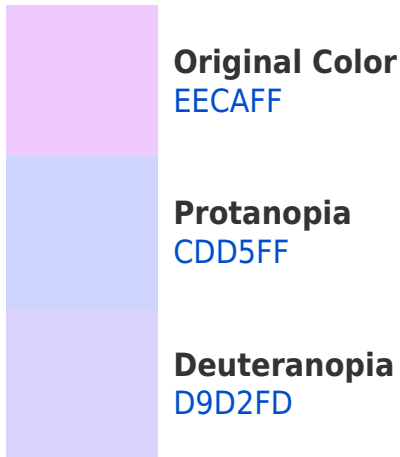


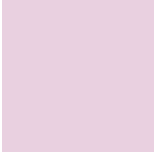
This preview shows how white text looks on a background with the Hex color EECAFF.

# 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**  
E9D0E0

# Trichromacy



**Original Color**  
EECAFF



**Protanomaly**  
D9D1FF



**Deuteranomaly**  
E1CFFE

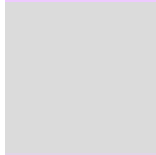


**Tritanomaly**  
EBCEEB

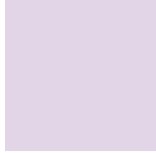
# Monochromacy



**Original Color**  
EECAFF



**Achromatopsia**  
DBDBDB



**Achromatomaly**  
E2D5E8

# CSS Examples

## Text

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

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

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 #EECAFF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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