

# Converting Colors

Hex(EECDFF)

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

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# **Color**

**Hex(EECDFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EECDFF
RGB	238, 205, 255
RGB Percent	93%, 80%, 100%
CMY	0.0667, 0.1961, 0.0000
CMYK	0.07, 0.20, 0.00, 0.00
HSL	280°, 100%, 90%
HSV	280°, 20%, 100%
XYZ	75.1412, 69.0598, 103.9772
YIQ	220.5670, 3.6180, 22.5460

# Conversions

## Conversions Part 2

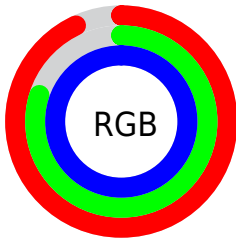
Format	Color
R <sub>YB</sub>	238, 205, 255
Decimal	15650303
CIE <sub>Lab</sub>	86.53, 20.37, -20.17
CIE <sub>LCh</sub>	87, 28.667, 315.289
Yxy	69.0598, 0.3028, 0.2783
Android (android.graphics.Color)	4293840383 (0xFFEECDFF)
YUV	220.5670, 16.9755, 15.2887
Hunter-Lab	83.1022, 15.9712, -16.0119

# Details

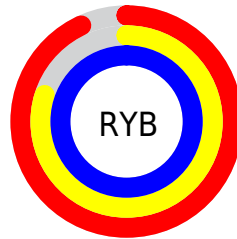
The Hex color **EECDFF** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **DEFFCD**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **FFFFFF**, and **B697C6** is the 20% darker color. If you saturate the color by 10%, you get **E5B3FF**, and if you desaturate by 10%, it is **F7E7FF**.

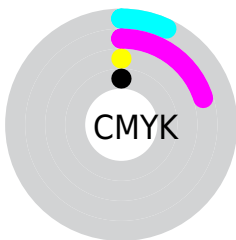
# Distribution



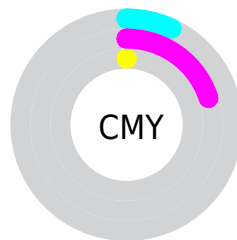
- Red (93%)
- Green (80%)
- Blue (100%)



- Red (93%)
- Yellow (80%)
- Blue (100%)



- Cyan (7%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (20%)
- Yellow (0%)

# Brightness & Saturation Gradients

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



 EECDFE

FFFFFF

 EECDFE

 D2B1E2

 B697C6

 9B7DAB

 806490

 674B76

 4E345E

 371F46

 21092F

 00001A

 EECDFE

 EECDFE

 E5B3FE

 F7E7FE

 DD9AFE

 FFFFFFFF

 D481FE

 CB67FE

 C34EFE

 BA34FE

 B11AFE

 A901FE

 A800FE

# Harmonies

## Analogous

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



CBD6FF



EECDF



FFC6E7

# Triad

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



EECDFF



F9D2A5



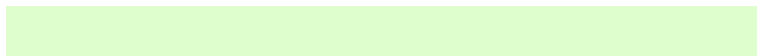
8DE8E6

# Complementary

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



EECDFF



DEFFCD

# 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.



A2E7CA



EECDFF



DEDBA4

# Square

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



EECDFD



FFCAB3



BFE3B2



8DE5FE

# Rectangle

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



EECDFE



FFC5D5



BFE3B2



92E8DD



# Sweetspot

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



EECDFF



FAF0FF



CDDFFF



7C7780



000000



808080



# Same Dimension

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



EECDFF



EAC2FF



FFCDF8



7B7380



7E00BF



2A0040



# Inverse Universe

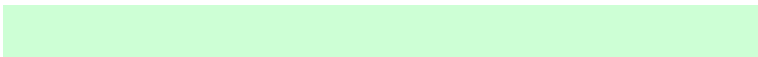
The Inverse Universe completely reimagines the original color for something new.



FFCDDE



FFC2D7



CDFFD5



807377



BF0041



400016



# Previews

## White Background



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

## Color Contrast Check

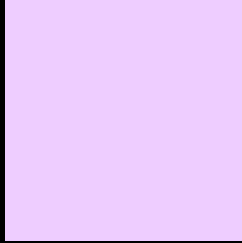
Large Text (above 18pt) WCAG AA × Fail

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 EECDFF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

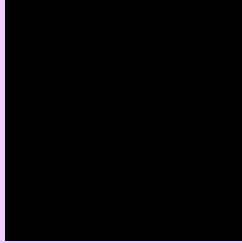
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex EECDFE Background



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

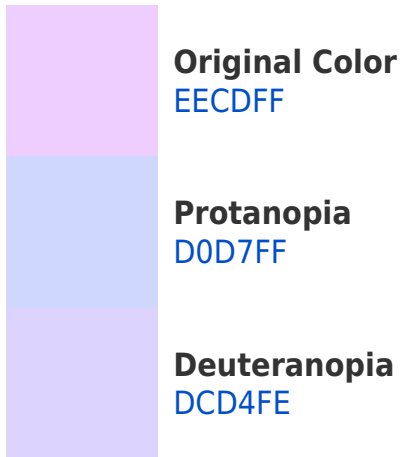


This preview shows how white text looks on a background with the Hex color EECDFE.

# 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**  
EAD2E3

# Trichromacy



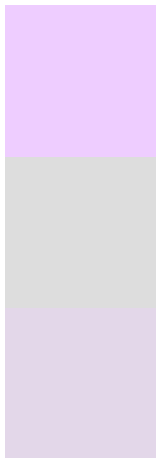
**Original Color**  
EECDFF

**Protanomaly**  
DBD3FF

**Deuteranomaly**  
E3D1FE

**Tritanomaly**  
EBD0ED

# Monochromacy



**Original Color**  
EECDFF

**Achromatopsia**  
DDDDDD

**Achromatomaly**  
E3D7E9

# CSS Examples

## Text

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

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

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 #EECDFF colored shadow looks like.

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

## Border

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

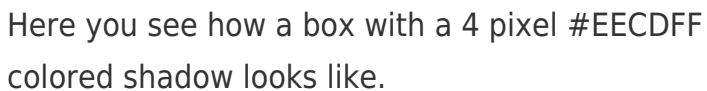
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

# Background

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

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

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

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

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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