

# Converting Colors

Hex(ECE5FE)

Have a look what the booklet for  
Hex(ECE5FE) contains.

<b>Hex(ECE5FE)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(ECE5FE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ECE5FE
RGB	236, 229, 254
RGB Percent	93%, 90%, 100%
CMY	0.0745, 0.1020, 0.0039
CMYK	0.07, 0.10, 0.00, 0.00
HSL	257°, 93%, 95%
HSV	257°, 10%, 100%
XYZ	80.5008, 81.0272, 105.1629
YIQ	233.9430, -3.8530, 9.2590

# Conversions

## Conversions Part 2

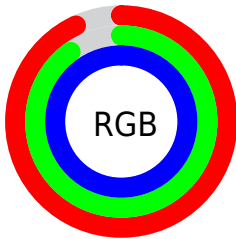
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	236, 229, 254
Decimal	15525374
CIE Lab	92.14, 6.93, -11.24
CIE LCh	92, 13.206, 301.658
Yxy	81.0272, 0.3019, 0.3038
Android (android.graphics.Color)	4293715454 (0xFFECE5FE)
YUV	233.9430, 9.8881, 1.8040
Hunter-Lab	90.0151, 2.1065, -6.2567

# Details

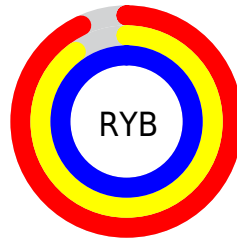
The Hex color `ECE5FE` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `F7FEE5`, and the grayscale version is `EAEAEA`.

A 20% lighter version of the original color is `FFFFFF`, and `B4AEC5` is the 20% darker color. If you saturate the color by 10%, you get `DACCFE`, and if you desaturate by 10%, it is `FEFEFE`.

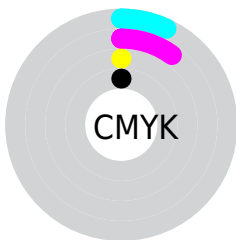
# Distribution



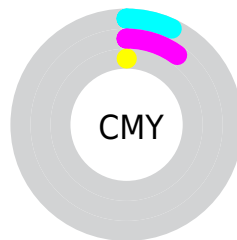
- Red (93%)
- Green (90%)
- Blue (100%)



- Red (93%)
- Yellow (90%)
- Blue (100%)



- Cyan (7%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (10%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ECE5FE 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 ECE5FE by changing the saturation by 10% instead.



 ECE5FE

 ECE5FE

FFFFFF

 D0C9E1

 B4AEC5

 9993AA

 7F7990

 666076

 4E495D

 373246

 211D2F

 0D031B

 ECE5FE

 ECE5FE

 DACCFE


 FEFEFE

 C7B2FE

 FFFFFE

 B599FE

 A37FFE

 9166FE

 7E4DFE

 6C33FE

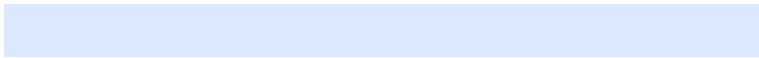
 5A1AFE

 4700FE

# Harmonies

## Analogous

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



DCE9FF



ECE5FE



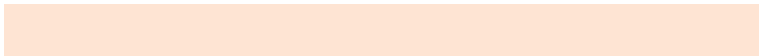
FAE2F5

# Triad

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



ECE5FE



FEE4D3



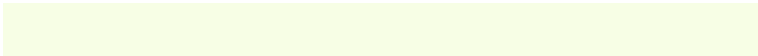
CCF0E9

# Complementary

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



ECE5FE



F7FEE5

# 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.



D6EFDC



ECE5FE



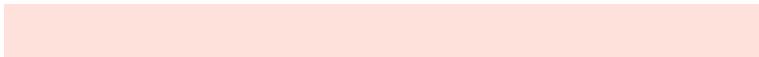
F2E8CF

# Square

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



ECE5FE



FFE1DC



E4ECD3



C9F0F5

# Rectangle

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



ECE5FE



FFE0ED



E4ECD3



CEF0E4



# Sweetspot

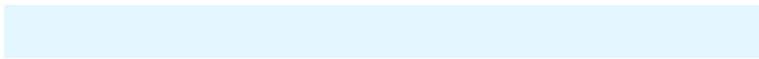
The Sweet Spot groups the original color and five complimentary colors.



ECE5FE



F9F7FF



E5F7FE



7C7A80



000000



808080



# Same Dimension

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



ECE5FE



E9E0FF



F8E5FE



767380



3600BF



120040



# Inverse Universe

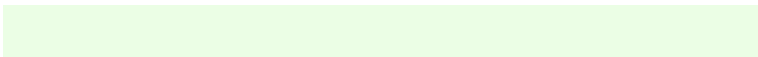
The Inverse Universe completely reimagines the original color for something new.



FEE5F7



FFE0F6



EBFEE5



80737C



BF008A

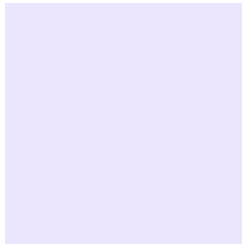


40002E



# Previews

## White Background



This preview shows how the Hex color ECE5FE looks on a white background.

## Color Contrast Check

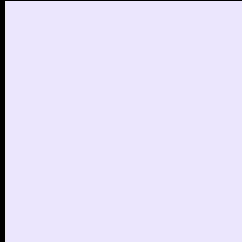
Large Text (above 18pt) WCAG AA × Fail

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 ECE5FE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

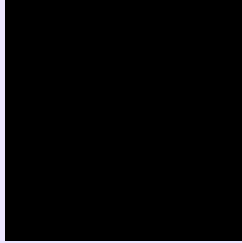
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex ECE5FE Background



This preview shows how black text looks on a background with the Hex color ECE5FE.

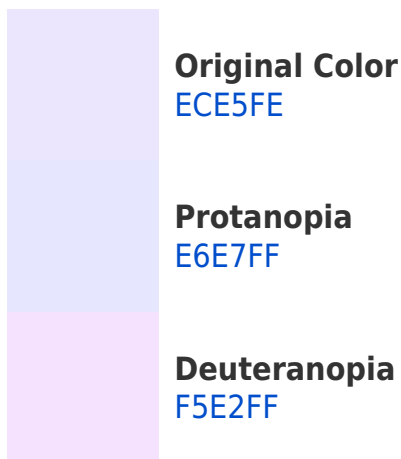


This preview shows how white text looks on a background with the Hex color ECE5FE.

# 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**  
EBE6F8

# Trichromacy



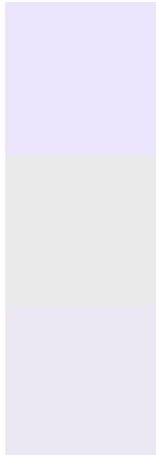
**Original Color**  
ECE5FE

**Protanomaly**  
E8E6FF

**Deuteranomaly**  
F2E3FF

**Tritanomaly**  
EBE6FA

# Monochromacy



**Original Color**  
ECE5FE

**Achromatopsia**  
EAEAEA

**Achromatomaly**  
EBE8F1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ECE5FE 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 #ECE5FE looks like.

```
.text, #text, p{  
    color:#ECE5FE  
}
```

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 #ECE5FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ECE5FE
}
```

## Border

The CSS property to change the border of an element to Hex ECE5FE 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
#ECE5FE }
```

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

```
.border{ border-color:#ECE5FE }
```

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

Here you see how a box with a 4 pixel #ECE5FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ECE5FE; -webkit-box-shadow:4px 4px  
4px 4px #ECE5FE; box-shadow:4px 4px 4px  
4px #ECE5FE }
```

# Background

The CSS property to change the background color of an element to Hex ECE5FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ECE5FE }
```

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

```
.background{ background-color:#ECE5FE }
```

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