

# Converting Colors

Hex(ECE1FF)

Have a look what the booklet for  
Hex(ECE1FF) contains.

<b>Hex(ECE1FF)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(ECE1FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ECE1FF
RGB	236, 225, 255
RGB Percent	93%, 88%, 100%
CMY	0.0745, 0.1176, 0.0000
CMYK	0.07, 0.12, 0.00, 0.00
HSL	262°, 100%, 94%
HSV	262°, 12%, 100%
XYZ	79.5673, 78.9033, 105.6440
YIQ	231.7090, -3.0740, 11.6620

# Conversions

## Conversions Part 2

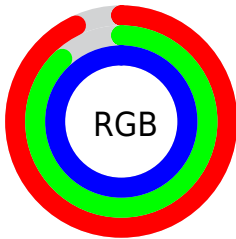
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	236, 225, 255
Decimal	15524351
CIE Lab	91.19, 9.20, -13.19
CIE LCh	91, 16.081, 304.918
Yxy	78.9033, 0.3013, 0.2987
Android (android.graphics.Color)	4293714431 (0xFFECE1FF)
YUV	231.7090, 11.4825, 3.7632
Hunter-Lab	88.8275, 4.4433, -8.3352

# Details

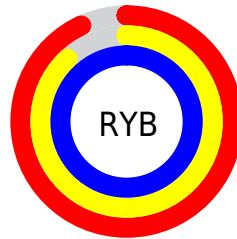
The Hex color `ECE1FF` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `F4FFE1`, and the grayscale version is `E8E8E8`.

A 20% lighter version of the original color is `FFFFFF`, and `B4AAC6` is the 20% darker color. If you saturate the color by 10%, you get `DCC8FF`, and if you desaturate by 10%, it is `FCFBFF`.

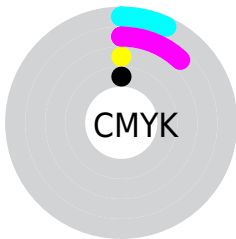
# Distribution



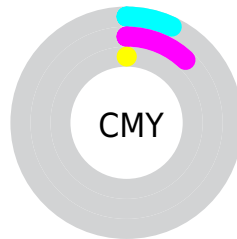
- Red (93%)
- Green (88%)
- Blue (100%)



- Red (93%)
- Yellow (88%)
- Blue (100%)



- Cyan (7%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (12%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ECE1FF 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 ECE1FF by changing the saturation by 10% instead.



 ECE1FF

FFFFFF

 ECE1FF

 D0C5E2

 B4AAC6

 998FAB

 7F7690

 665D77

 4E455E

 372F46

 211A30

 0D001B

 ECE1FF

 ECE1FF

 DCC8FF

 FCFBFF

 CCAEFF

FFFFFF

 BC94FF

 AB7BFF

 9B62FF

 8B48FF

 7B2FFF

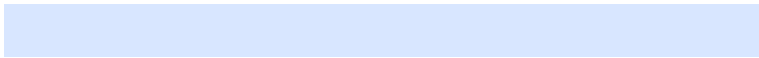
 6B15FF

 5D00FF

# Harmonies

## Analogous

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



D8E6FF



ECE1FF



FCDDF3

# Triad

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



ECE1FF



FEE0CA



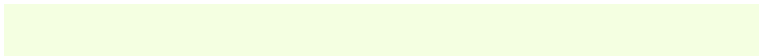
C1EFE8

# Complementary

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



ECE1FF



F4FFE1

# Split Complementary

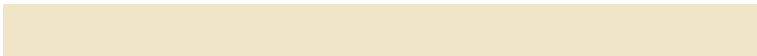
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



CDEED8



ECE1FF



F0E5C7

# Square

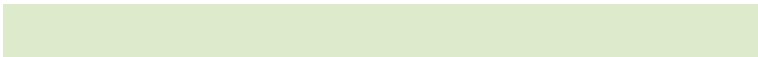
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



ECE1FF



FFDDD5



DEEACC



BFEEF7

# Rectangle

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



ECE1FF



FFDBE9



DEEACC



C4EFE2



# Sweetspot

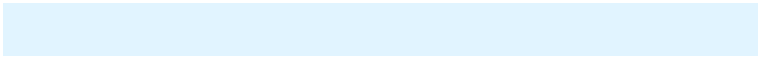
The Sweet Spot groups the original color and five complimentary colors.



ECE1FF



F9F5FF



E1F4FF



7B7980



000000



808080



# Same Dimension

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



ECE1FF



E8DBFF



FBE1FF



777380



4600BF



170040



# Inverse Universe

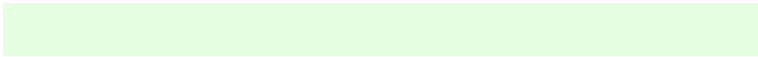
The Inverse Universe completely reimagines the original color for something new.



FFE1F4



FFDBF2



E5FFE1



80737B



BF0079

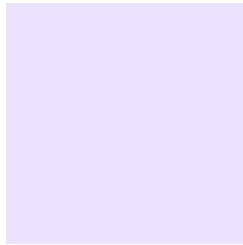


400028



# Previews

## White Background



This preview shows how the Hex color ECE1FF looks on a white background.

## Color Contrast Check

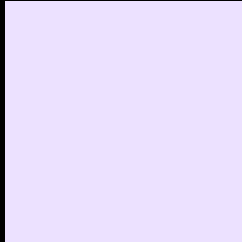
Large Text (above 18pt) WCAG AA × Fail

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 ECE1FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

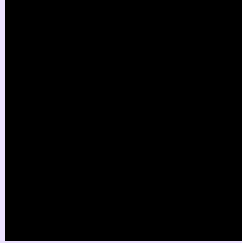
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex ECE1FF Background



This preview shows how black text looks on a background with the Hex color ECE1FF.



This preview shows how white text looks on a background with the Hex color ECE1FF.

# 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**  
EAE3F5

# Trichromacy



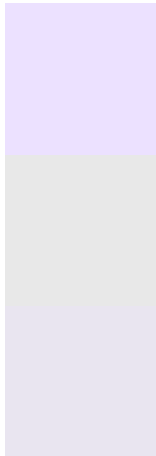
**Original Color**  
ECE1FF

**Protanomaly**  
E6E3FF

**Deuteranomaly**  
EFE0FF

**Tritanomaly**  
EBE2F9

# Monochromacy



**Original Color**  
ECE1FF

**Achromatopsia**  
E8E8E8

**Achromatomaly**  
E9E5F0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ECE1FF 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 #ECE1FF looks like.

```
.text, #text, p{  
    color:#ECE1FF  
}
```

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 #ECE1FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ECE1FF  
}
```

## Border

The CSS property to change the border of an element to Hex ECE1FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

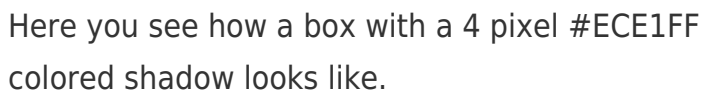
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#ECE1FF }
```

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

```
.border{ border-color:#ECE1FF }
```

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



Here you see how a box with a 4 pixel `#ECE1FF` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ECE1FF; -webkit-box-shadow:4px 4px  
4px 4px #ECE1FF; box-shadow:4px 4px 4px  
4px #ECE1FF }
```

# Background

The CSS property to change the background color of an element to Hex ECE1FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ECE1FF }
```

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

```
.background{ background-color:#ECE1FF }
```

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