

Converting Colors

Hex(EBE7FF)

Have a look what the booklet for
Hex(EBE7FF) contains.

Hex(EBE7FF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(EBE7FF)

Conversions

Conversions Part 1

Format	Color
Hex	EBE7FF
RGB	235, 231, 255
RGB Percent	92%, 91%, 100%
CMY	0.0784, 0.0941, 0.0000
CMYK	0.08, 0.09, 0.00, 0.00
HSL	250°, 100%, 95%
HSV	250°, 9%, 100%
XYZ	80.8869, 82.0340, 106.1787
YIQ	234.9320, -5.3200, 8.3120

Conversions

Conversions Part 2

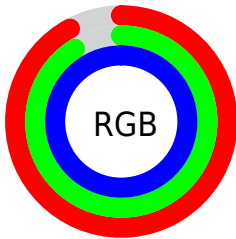
Format	Color
R _Y B	235, 231, 255
Decimal	15460351
CIE Lab	92.59, 5.76, -11.11
CIE LCh	93, 12.513, 297.427
Yxy	82.0340, 0.3006, 0.3048
Android (android.graphics.Color)	4293650431 (0xFFE7BE7FF)
YUV	234.9320, 9.8935, 0.0596
Hunter-Lab	90.5726, 0.9093, -6.1051

Details

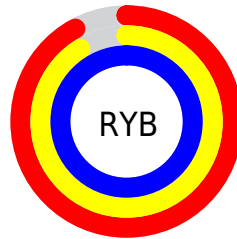
The Hex color **EBE7FF** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **FBFFE7**, and the grayscale version is **EBEBEB**.

A 20% lighter version of the original color is **FFFFFF**, and **B3AFC6** is the 20% darker color. If you saturate the color by 10%, you get **D6CEFF**, and if you desaturate by 10%, it is **FFFFFF**.

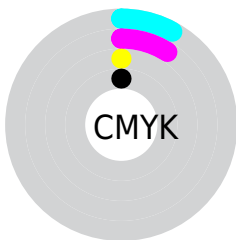
Distribution



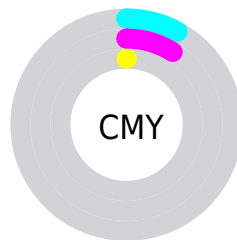
- Red (92%)
- Green (91%)
- Blue (100%)



- Red (92%)
- Yellow (91%)
- Blue (100%)



- Cyan (8%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (8%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color EBE7FF 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 EBE7FF by changing the saturation by 10% instead.

 EBE7FF

 EBE7FF

FFFFFF

 CFCBE2

 B3AFC6

 9895AB

 7E7B90

 656277

 4D4A5E

 363446

 211F30

 0C061B

 EBE7FF

 EBE7FF


 D6CEFF

FFFFFF

 C0B4FF

 AB9BFF

 9681FF

 8168FF

 6B4EFF

 5635FF

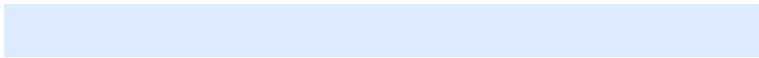
 411BFF

 2C02FF

Harmonies

Analogous

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



DCEBFF



EBE7FF



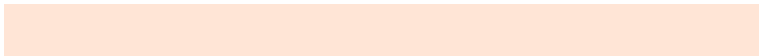
F9E4F7

Triad

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



EBE7FF



FFE5D6



CFF1E8

Complementary

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



EBE7FF



FBFFE7

Split Complementary

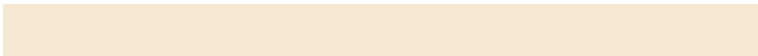
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



DAEFDC



EBE7FF



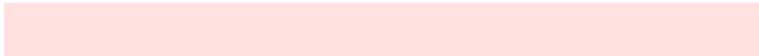
F5E8D2

Square

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



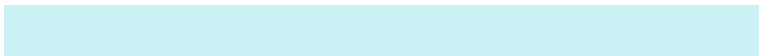
EBE7FF



FFE2DF



E7ECD4



CCF1F4

Rectangle

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



EBE7FF



FFE2EF



E7ECD4



D2F1E4

Sweetspot

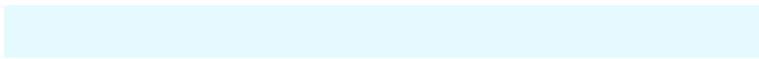
The Sweet Spot groups the original color and five complimentary colors.



EBE7FF



F9F7FF



E7FBFF



7B7A80



000000



808080

Same Dimension

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



EBE7FF



E8E3FF



F7E7FF



757380



2000BF



0B0040

Inverse Universe

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



FFE7FB



FFE3FA



EFFFE7



80737D



BF009F



400035

Previews

White Background



This preview shows how the Hex color EBE7FF looks on a white background.

Color Contrast Check

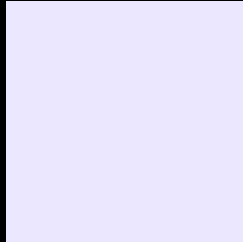
Large Text (above 18pt) WCAG AA × Fail

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 EBE7FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

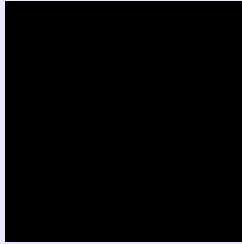
Any Text WCAG AA ✓ Pass

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 EBE7FF Background



This preview shows how black text looks on a background with the Hex color EBE7FF.



This preview shows how white text looks on a background with the Hex color EBE7FF.

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](#).

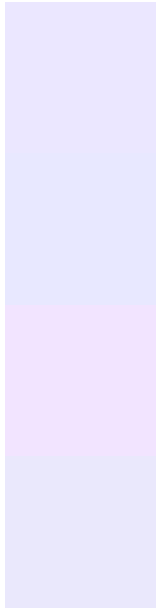
Dichromacy





Tritanopia
EAE8FA

Trichromacy



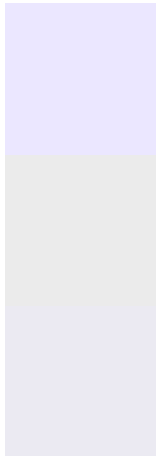
Original Color
EBE7FF

Protanomaly
E8E8FF

Deuteranomaly
F2E4FF

Tritanomaly
EAE8FC

Monochromacy



Original Color
EBE7FF

Achromatopsia
EBEBEB

Achromatomaly
EBAF2

CSS Examples

Text

The CSS property to change the color of the text to Hex EBE7FF 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 #EBE7FF looks like.

```
.text, #text, p{  
    color:#EBE7FF  
}
```

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 #EBE7FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EBE7FF }
}
```

Border

The CSS property to change the border of an element to Hex EBE7FF 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 #EBE7FF }
}
```

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

```
.border{ border-color:#EBE7FF }
```

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

Here you see how a box with a 4 pixel #EBE7FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EBE7FF; -webkit-box-shadow:4px 4px  
4px 4px #EBE7FF; box-shadow:4px 4px 4px  
4px #EBE7FF }
```

Background

The CSS property to change the background color of an element to Hex EBE7FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EBE7FF }
```

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

```
.background{ background-color:#EBE7FF }
```

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