

# Converting Colors

Hex(ECE6F8)

Have a look what the booklet for  
Hex(ECE6F8) contains.

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# **Color**

**Hex(ECE6F8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ECE6F8
RGB	236, 230, 248
RGB Percent	93%, 90%, 97%
CMY	0.0745, 0.0980, 0.0275
CMYK	0.05, 0.07, 0.00, 0.03
HSL	260°, 56%, 94%
HSV	260°, 7%, 97%
XYZ	79.8322, 81.2038, 100.2732
YIQ	233.8460, -2.2020, 6.8700

# Conversions

## Conversions Part 2

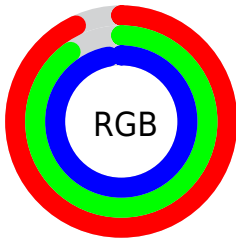
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	236, 230, 248
Decimal	15525624
CIE Lab	92.22, 5.28, -7.99
CIE LCh	92, 9.579, 303.446
Yxy	81.2038, 0.3055, 0.3108
Android (android.graphics.Color)	4293715704 (0xFFECE6F8)
YUV	233.8460, 6.9779, 1.8891
Hunter-Lab	90.1132, 0.4369, -2.8956

# Details

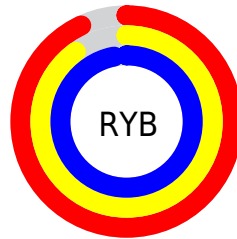
The Hex color **ECE6F8** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **F2F8E6**, and the grayscale version is **EAEAEA**.

A 20% lighter version of the original color is **FFFFFF**, and **B4AFC0** is the 20% darker color. If you saturate the color by 10%, you get **DBCDF8**, and if you desaturate by 10%, it is **FDFFF8**.

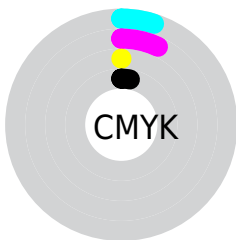
# Distribution



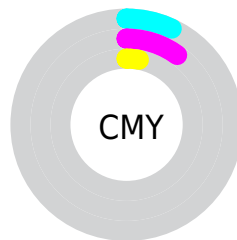
- Red (93%)
- Green (90%)
- Blue (97%)



- Red (93%)
- Yellow (90%)
- Blue (97%)



- Cyan (5%)
- Magenta (7%)
- Yellow (0%)
- Black (3%)



- Cyan (7%)
- Magenta (10%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ECE6F8 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 ECE6F8 by changing the saturation by 10% instead.



 ECE6F8

FFFFFF

 ECE6F8

 D0CADB

 B4AFC0

 9994A5

 7F7A8A

 666171

 4E4A58

 373341

 221E2B

 0D0517

 ECE6F8

 ECE6F8

 DBCDF8

 FDFFF8

 CBB4F8

 FFFFF8

 BA9CF8

 AA83F8

 996AF8

 8951F8

 7838F8

 6820F8

 5707F8

# Harmonies

## Analogous

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



E1E9FB



ECE6F8



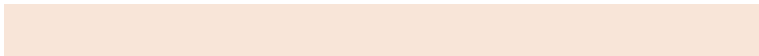
F6E4F1

# Triad

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



ECE6F8



F8E5D8



D4EEE9

# Complementary

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



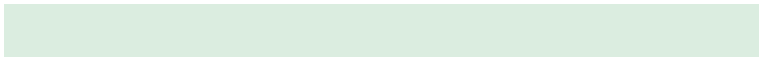
ECE6F8



F2F8E6

# Split Complementary

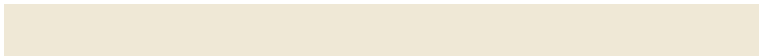
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



DBEDE0



ECE6F8



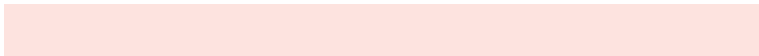
EFE8D6

# Square

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



ECE6F8



FDE3DF



E5EBD9



D2EEF2

# Rectangle

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



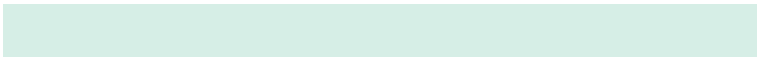
ECE6F8



FBE3EB



E5EBD9



D6EEE6



# Sweetspot

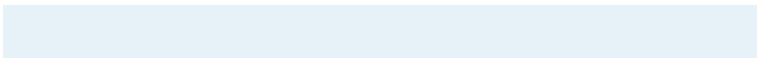
The Sweet Spot groups the original color and five complimentary colors.



ECE6F8



FCFAFF



E6F2F8



7E7D80



000000



808080



# Same Dimension

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



ECE6F8



F0E8FF



F5E6F8



75707D



3F00BD



14003D



# Inverse Universe

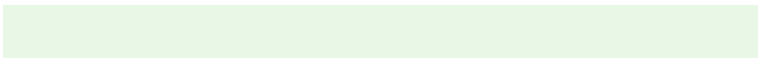
The Inverse Universe completely reimagines the original color for something new.



F8E6F2



FFE8F7



E9F8E6



7D7079



BD007E

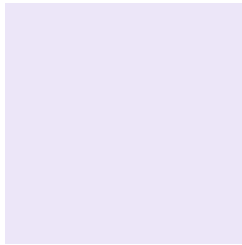


3D0029



# Previews

## White Background



This preview shows how the Hex color ECE6F8 looks on a white background.

## Color Contrast Check

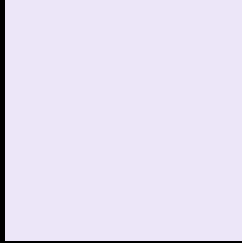
Large Text (above 18pt) WCAG AA × Fail

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 ECE6F8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

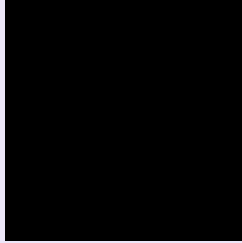
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

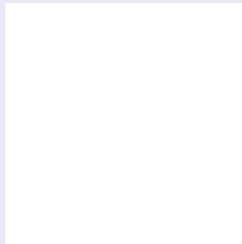
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex ECE6F8 Background



This preview shows how black text looks on a background with the Hex color ECE6F8.

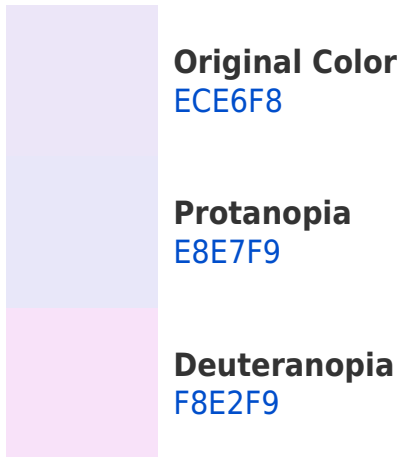


This preview shows how white text looks on a background with the Hex color ECE6F8.

# 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





# Trichromacy



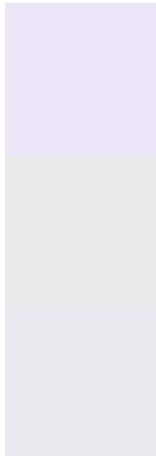
**Original Color**  
ECE6F8

**Protanomaly**  
E9E7F9

**Deuteranomaly**  
F4E3F9

**Tritanomaly**  
ECE6F8

# Monochromacy



**Original Color**  
ECE6F8

**Achromatopsia**  
EAEAEA

**Achromatomaly**  
EBE9EF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ECE6F8 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 #ECE6F8 looks like.

```
.text, #text, p{  
    color:#ECE6F8  
}
```

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 #ECE6F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ECE6F8
}
```

## Border

The CSS property to change the border of an element to Hex ECE6F8 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
#ECE6F8 }
```

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

```
.border{ border-color:#ECE6F8 }
```

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

Here you see how a box with a 4 pixel #ECE6F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ECE6F8; -webkit-box-shadow:4px 4px  
4px 4px #ECE6F8; box-shadow:4px 4px 4px  
4px #ECE6F8 }
```

# Background

The CSS property to change the background color of an element to Hex ECE6F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ECE6F8 }
```

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

```
.background{ background-color:#ECE6F8 }
```

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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