

# Converting Colors

Hex(EBCFF1)

Have a look what the booklet for  
Hex(EBCFF1) contains.

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# **Color**

**Hex(EBCFF1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EBCFF1
RGB	235, 207, 241
RGB Percent	92%, 81%, 95%
CMY	0.0784, 0.1882, 0.0549
CMYK	0.02, 0.14, 0.00, 0.05
HSL	289°, 55%, 88%
HSV	289°, 14%, 95%
XYZ	72.4510, 68.6387, 92.6491
YIQ	219.2480, 5.7740, 16.5100

# Conversions

## Conversions Part 2

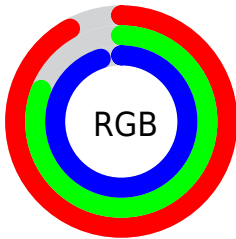
Format	Color
R <sub>Y</sub> B	235, 207, 241
Decimal	15454193
CIE Lab	86.32, 15.69, -13.10
CIE LCh	86, 20.437, 320.139
Yxy	68.6387, 0.3100, 0.2937
Android (android.graphics.Color)	4293644273 (0xFFEBCFF1)
YUV	219.2480, 10.7237, 13.8145
Hunter-Lab	82.8485, 11.1134, -8.3098

# Details

The Hex color **EBCFF1** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **D5F1CF**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **FFFFFF**, and **B399B9** is the 20% darker color. If you saturate the color by 10%, you get **E7B7F1**, and if you desaturate by 10%, it is **EFE7F1**.

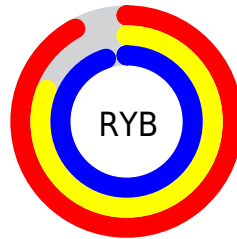
# Distribution



Red (92%)

Green (81%)

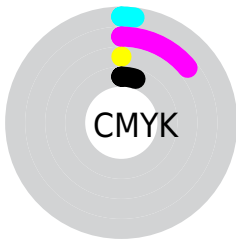
Blue (95%)



Red (92%)

Yellow (81%)

Blue (95%)

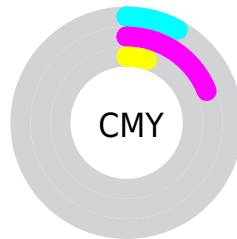


Cyan (2%)

Magenta (14%)

Yellow (0%)

Black (5%)



Cyan (8%)

Magenta (19%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EBCFF1 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 EBCFF1 by changing the saturation by 10% instead.



 EBCFF1

FFFFFF

 EBCFF1

 CFB3D5

 B399B9

 987F9E

 7E6584

 654D6B

 4D3652

 36213B

 200C25

 000110

 EBCFF1

 EBCFF1

 E7B7F1

 EFE7F1

 E29FF1

 F4FFF1

 DE87F1

 F8FFF1

 DA6FF1

 FCFFF1

 D657F1

 FFFFF1

 D13EF1

 CD26F1

 C90EF1

 C600F1

# Harmonies

## Analogous

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



D3D5FC



EBCFF1



FBCBDF

# Triad

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



EBCFF1



EDD4B2



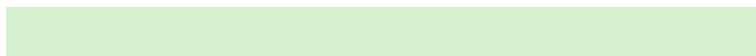
A5E3E5

# Complementary

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



EBCFF1



D5F1CF

# 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.



B0E3D1



EBCFF1



D9DBB4

# Square

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



EBCFF1



FCCFBB



C3E0BF



A9E1F5

# Rectangle

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



EBCFF1



FFCBD2



C3E0BF



A7E3DE



# Sweetspot

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



EBCFF1



FDF5FF



CFD5F1



7E7980



000000



808080



# Same Dimension

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



EBCFF1



F7D4FF



F1CFE6



766C78



9700B8



2E0038



# Inverse Universe

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



F1CFD5



FFD4DB



CFF1DA



786C6E



B80020

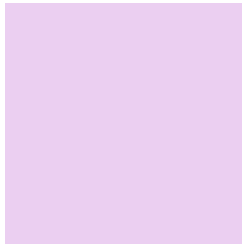


38000A



# Previews

## White Background



This preview shows how the Hex color EBCFF1 looks on a white background.

## Color Contrast Check

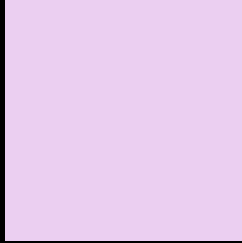
Large Text (above 18pt) WCAG AA × Fail

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 EBCFF1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

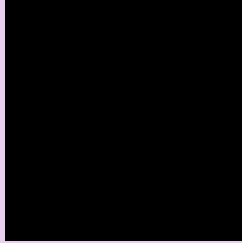
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex EBCFF1 Background



This preview shows how black text looks on a background with the Hex color EBCFF1.

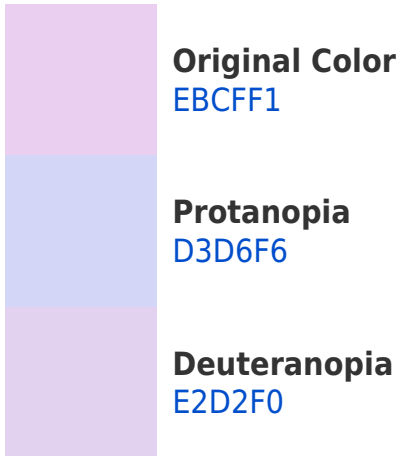


This preview shows how white text looks on a background with the Hex color EBCFF1.

# 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**  
E9D2E2

# Trichromacy



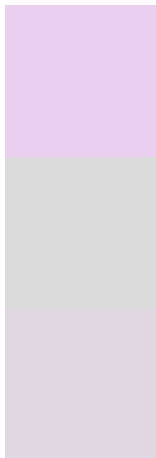
**Original Color**  
EBCFF1

**Protanomaly**  
DCD3F4

**Deuteranomaly**  
E5D1F0

**Tritanomaly**  
EAD1E7

# Monochromacy



**Original Color**  
EBCFF1

**Achromatopsia**  
DBDBDB

**Achromatomaly**  
E1D7E3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EBCFF1 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 #EBCFF1 looks like.

```
.text, #text, p{  
    color:#EBCFF1  
}
```

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 #EBCFF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EBCFF1
}
```

## Border

The CSS property to change the border of an element to Hex EBCFF1 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
#EBCFF1 }
```

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

```
.border{ border-color:#EBCFF1 }
```

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

Here you see how a box with a 4 pixel #EBCFF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EBCFF1; -webkit-box-shadow:4px 4px  
4px 4px #EBCFF1; box-shadow:4px 4px 4px  
4px #EBCFF1 }
```

# Background

The CSS property to change the background color of an element to Hex EBCFF1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EBCFF1 }
```

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

```
.background{ background-color:#EBCFF1 }
```

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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