

# Converting Colors

Hex(ECC4EF)

Have a look what the booklet for  
Hex(ECC4EF) contains.

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# **Color**

**Hex(ECC4EF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ECC4EF
RGB	236, 196, 239
RGB Percent	93%, 77%, 94%
CMY	0.0745, 0.2314, 0.0627
CMYK	0.01, 0.18, 0.00, 0.06
HSL	296°, 57%, 85%
HSV	296°, 18%, 94%
XYZ	69.9120, 63.5447, 90.2420
YIQ	212.8620, 10.0370, 21.8530

# Conversions

## Conversions Part 2

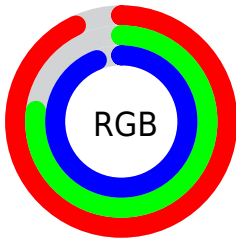
Format	Color
R <sub>Y</sub> B	236, 196, 239
Decimal	15516911
CIE Lab	83.73, 21.48, -15.92
CIE LCh	84, 26.737, 323.458
Yxy	63.5447, 0.3125, 0.2841
Android (android.graphics.Color)	4293706991 (0xFFECC4EF)
YUV	212.8620, 12.8860, 20.2920
Hunter-Lab	79.7149, 17.0478, -11.3193

# Details

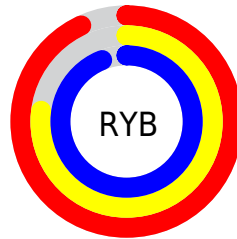
The Hex color **ECC4EF** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **C7EFC4**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **FFDFFF**, and **B48EB7** is the 20% darker color. If you saturate the color by 10%, you get **EAACEF**, and if you desaturate by 10%, it is **EEDCEF**.

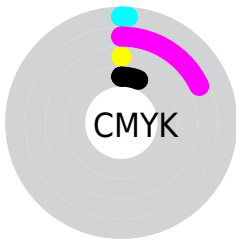
# Distribution



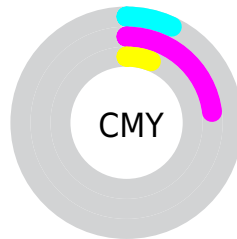
- Red (93%)
- Green (77%)
- Blue (94%)



- Red (93%)
- Yellow (77%)
- Blue (94%)



- Cyan (1%)
- Magenta (18%)
- Yellow (0%)
- Black (6%)



- Cyan (7%)
- Magenta (23%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ECC4EF 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 ECC4EF by changing the saturation by 10% instead.



 ECC4EF

 ECC4EF

FFFFFF

 D0A9D3

 FFFDFD

 B48EB7

 99749C

 7F5B82

 654469

 4D2D51

 351739

 210024

 00000C

 ECC4EF

 ECC4EF

 EAACEF

 EEDCEF

 E994EF

 EFF4EF

 E77CEF

 F1FFEF

 E564EF

 F3FFEF

 E44DEF

 F4FFEF

 E235EF

 F6FFEF

 E01DEF

 F8FFEF

 DF05EF

 F9FFEF

 DE00EF

 FBFFEF

# Harmonies

## Analogous

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



CECCFF



ECC4EF



FFBFD7

# Triad

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



ECC4EF



E9CD9F



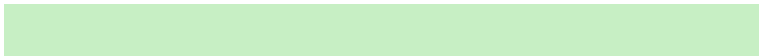
89DFE4

# Complementary

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



ECC4EF



C7EFC4

# 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.



98DFCA



ECC4EF



CFD5A2

# Square

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



ECC4EF



FCC5A9



B2DBB2



90DBF8

# Rectangle

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



ECC4EF



FFBFC6



B2DBB2



8CDFDB



# Sweetspot

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



ECC4EF



FEF2FF



C4C8EF



7F7880



000000



808080



# Same Dimension

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



ECC4EF



FBC7FF



EFC4DD



776C78



AB00B8



340038



# Inverse Universe

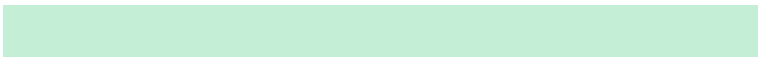
The Inverse Universe completely reimagines the original color for something new.



EFC4C7



FFC7CB



C4EFD6



786C6D



B8000D

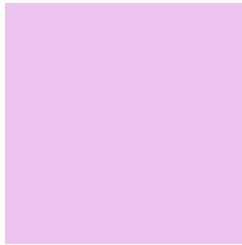


380004



# Previews

## White Background



This preview shows how the Hex color ECC4EF looks on a white background.

## Color Contrast Check

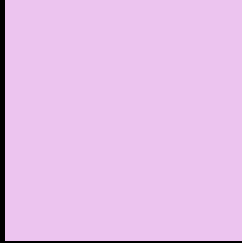
Large Text (above 18pt) WCAG AA × Fail

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 ECC4EF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

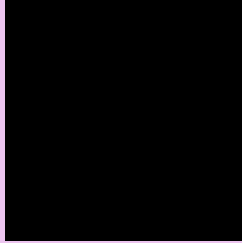
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex ECC4EF Background



This preview shows how black text looks on a background with the Hex color ECC4EF.

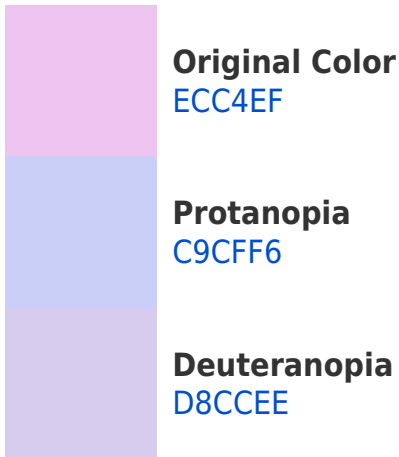


This preview shows how white text looks on a background with the Hex color ECC4EF.

# 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**  
E9C8D8

# Trichromacy



**Original Color**  
ECC4EF



**Protanomaly**  
D6CBF3



**Deuteranomaly**  
DFC9EE

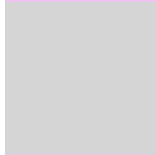


**Tritanomaly**  
EAC7E0

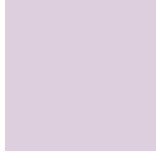
# Monochromacy



**Original Color**  
ECC4EF



**Achromatopsia**  
D5D5D5



**Achromatomaly**  
DDCFDE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ECC4EF 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 #ECC4EF looks like.

```
.text, #text, p{  
    color:#ECC4EF  
}
```

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 #ECC4EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ECC4EF }  
}
```

## Border

The CSS property to change the border of an element to Hex ECC4EF 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 #ECC4EF }  
}
```

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

```
.border{ border-color:#ECC4EF }
```

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

Here you see how a box with a 4 pixel #ECC4EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ECC4EF; -webkit-box-shadow:4px 4px  
4px 4px #ECC4EF; box-shadow:4px 4px 4px  
4px #ECC4EF }
```

# Background

The CSS property to change the background color of an element to Hex ECC4EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ECC4EF }
```

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

```
.background{ background-color:#ECC4EF }
```

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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