

# Converting Colors

Hex(ECC8F5)

Have a look what the booklet for  
Hex(ECC8F5) contains.

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# **Color**

**Hex(ECC8F5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	ECC8F5
RGB	236, 200, 245
RGB Percent	93%, 78%, 96%
CMY	0.0745, 0.2157, 0.0392
CMYK	0.04, 0.18, 0.00, 0.04
HSL	288°, 69%, 87%
HSV	288°, 18%, 96%
XYZ	71.7278, 65.7340, 95.2937
YIQ	215.8940, 7.0110, 21.6270

# Conversions

## Conversions Part 2

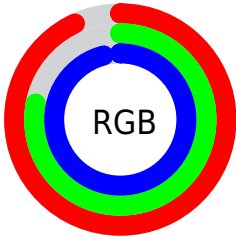
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	236, 200, 245
Decimal	15517941
CIE Lab	84.86, 20.47, -17.41
CIE LCh	85, 26.876, 319.625
Yxy	65.7340, 0.3082, 0.2824
Android (android.graphics.Color)	4293708021 (0xFFECC8F5)
YUV	215.8940, 14.3493, 17.6330
Hunter-Lab	81.0765, 16.0337, -12.9332

# Details

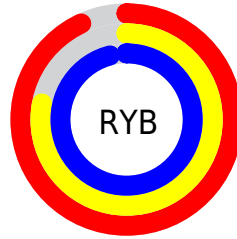
The Hex color **ECC8F5** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **D1F5C8**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFFFF**, and **B492BD** is the 20% darker color. If you saturate the color by 10%, you get **E7B0F5**, and if you desaturate by 10%, it is **F1E0F5**.

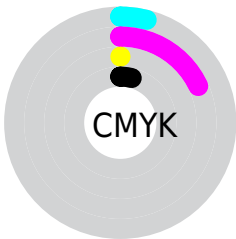
# Distribution



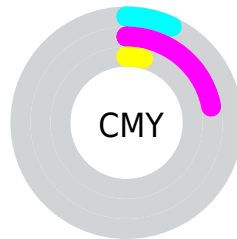
- Red (93%)
- Green (78%)
- Blue (96%)



- Red (93%)
- Yellow (78%)
- Blue (96%)



- Cyan (4%)
- Magenta (18%)
- Yellow (0%)
- Black (4%)



- Cyan (7%)
- Magenta (22%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ECC8F5 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 ECC8F5 by changing the saturation by 10% instead.



 ECC8F5

FFFFFF

 ECC8F5

 D0ADD9

 B492BD

 9978A2

 7F5F87

 65476E

 4D3055

 361B3E

 200328

 000113

 ECC8F5

 ECC8F5

 E7B0F5

 F1E0F5

 E297F5

 F6F9F5

 DD7FF5

 FBFFF5

 D866F5

 FFFFF5

 D44EF5

 CF35F5

 CA1CF5

 C504F5

 C400F5

# Harmonies

## Analogous

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



CCD0FF



ECC8F5



FFC3DE

# Triad

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



ECC8F5



EFCFA2



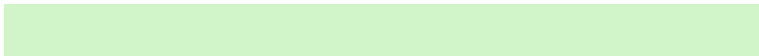
8DE2E4

# Complementary

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



ECC8F5



D1F5C8

# 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.



9DE2CA



ECC8F5



D5D8A4

# Square

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



ECC8F5



FFC7AE



B8DEB2



91DFFA

# Rectangle

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



ECC8F5



FFC2CC



B8DEB2



90E2DB



# Sweetspot

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



ECC8F5



FCF0FF



C8D1F5



7E7780



000000



808080



# Same Dimension

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



ECC8F5



F4C7FF



F5C8E8



786E7A



9500BA



2F003B



# Inverse Universe

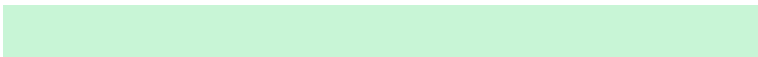
The Inverse Universe completely reimagines the original color for something new.



F5C8D1



FFC7D2



C8F5D6



7A6E71



BA0025



3B000C



# Previews

## White Background



This preview shows how the Hex color ECC8F5 looks on a white background.

## Color Contrast Check

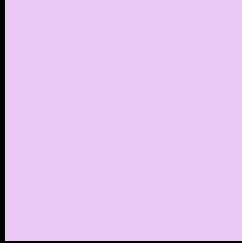
Large Text (above 18pt) WCAG AA × Fail

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 ECC8F5 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 ECC8F5 Background



This preview shows how black text looks on a background with the Hex color ECC8F5.

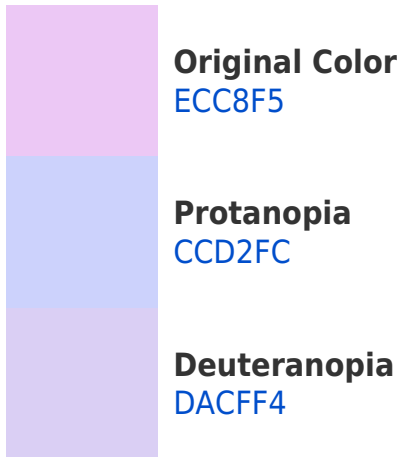


This preview shows how white text looks on a background with the Hex color ECC8F5.

# 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



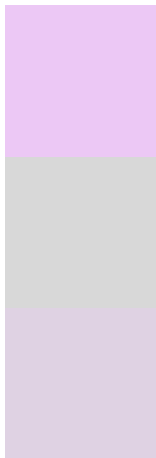
**Original Color**  
ECC8F5

**Protanomaly**  
D8CEF9

**Deuteranomaly**  
E1CCF4

**Tritanomaly**  
E9CBE5

# Monochromacy



**Original Color**  
ECC8F5

**Achromatopsia**  
D8D8D8

**Achromatomaly**  
DFD2E3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ECC8F5 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 #ECC8F5 looks like.

```
.text, #text, p{  
    color:#ECC8F5  
}
```

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 #ECC8F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ECC8F5
}
```

## Border

The CSS property to change the border of an element to Hex ECC8F5 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
#ECC8F5 }
```

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

```
.border{ border-color:#ECC8F5 }
```

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

Here you see how a box with a 4 pixel #ECC8F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ECC8F5; -webkit-box-shadow:4px 4px  
4px 4px #ECC8F5; box-shadow:4px 4px 4px  
4px #ECC8F5 }
```

# Background

The CSS property to change the background color of an element to Hex ECC8F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ECC8F5 }
```

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

```
.background{ background-color:#ECC8F5 }
```

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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