

# Converting Colors

Hex(EEB7EC)

Have a look what the booklet for  
Hex(EEB7EC) contains.

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# **Color**

**Hex(EEB7EC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EEB7EC
RGB	238, 183, 236
RGB Percent	93%, 72%, 93%
CMY	0.0667, 0.2824, 0.0745
CMYK	0.00, 0.23, 0.01, 0.07
HSL	302°, 62%, 83%
HSV	302°, 23%, 93%
XYZ	67.3337, 58.1002, 87.0225
YIQ	205.4870, 15.7670, 28.1430

# Conversions

## Conversions Part 2

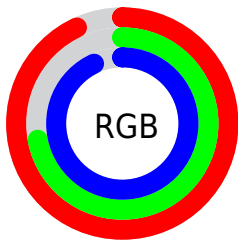
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">238, 183, 236</a>
Decimal	<a href="#">15644652</a>
CIELab	<a href="#">80.79, 28.51, -18.72</a>
CIElCh	<a href="#">81, 34.104, 326.714</a>
Yxy	<a href="#">58.1002, 0.3169, 0.2735</a>
Android (android.graphics.Color)	<a href="#">4293834732 (0xFFEEB7EC)</a>
YUV	<a href="#">205.4870, 15.0429, 28.5139</a>
Hunter-Lab	<a href="#">76.2235, 24.2907, -14.3334</a>

# Details

The Hex color **EED725** is a light color, and the websafe version is hex **FFD700**. A complement of this color would be **25D7EE**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FFD700**, and **252525** is the 20% darker color. If you saturate the color by 10%, you get **EED725**, and if you desaturate by 10%, it is **808080**.

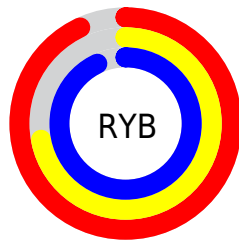
# Distribution



Red (93%)

Green (72%)

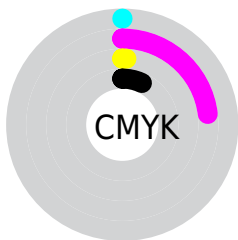
Blue (93%)



Red (93%)

Yellow (72%)

Blue (93%)

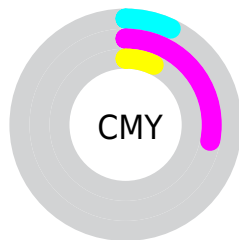


Cyan (0%)

Magenta (23%)

Yellow (1%)

Black (7%)



Cyan (7%)

Magenta (28%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EEB7EC 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 EEB7EC by changing the saturation by 10% instead.



 EEB7EC

FFFFFF

 FFEFFF

 EEB7EC

 D19CD0

 B582B4

 9A6899

 804F7F

 663766

 4D204E

 350937

 230022

 000007

 EEB7EC

 EEB7EC

 EE9FEB

 EECFED

 EE87EA

 EEE7EE

 EE70E9

 EEFEFF

 EE58E9

 EEFFEF

 EE40E8

 EEFFF0

 EE28E7

 EEFFF1

 EE10E6

 EEFFF2

 EE00E5

 EEFFF3

 EEFFF4

# Harmonies

## Analogous

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



C8C2FF



EEB7EC



FFB1CD

# Triad

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



EEB7EC



E2C589



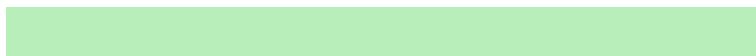
62DAE4

# Complementary

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



EEB7EC



B7EEB9

# 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.



78DAC4



EEB7EC



C1CF8F

# Square

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



EEB7EC



FBBB94



9CD6A5



6FD5FD

# Rectangle

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



EEB7EC



FFB1B8



9CD6A5



66DADA



# Sweetspot

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



EEB7EC



FFEDFE



B9B7EE



80757F



000000



808080



# Same Dimension

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



EEB7EC



FFB8FC



EEB7D1



786C77



B800B1



380036



# Inverse Universe

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



EEB7EC



FFB8FC



B7EED4



786C77



B800B1

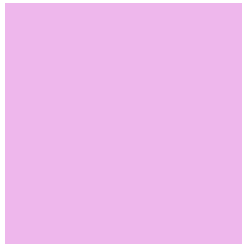


380036



# Previews

## White Background



This preview shows how the Hex color EEB7EC 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



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

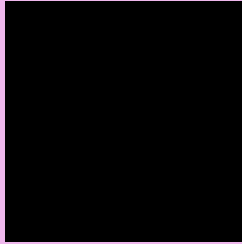
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex EEB7EC Background



This preview shows how black text looks on a background with the Hex color EEB7EC.

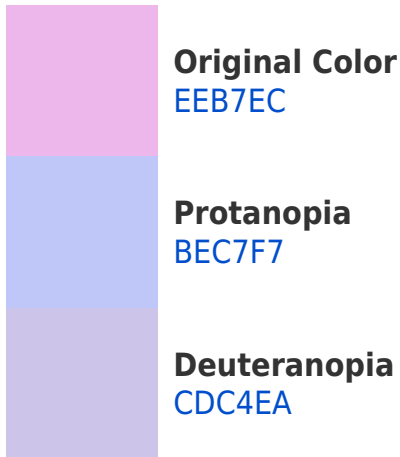


This preview shows how white text looks on a background with the Hex color EEB7EC.

# 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**  
EEB7EC



**Protanomaly**  
CFC1F3



**Deuteranomaly**  
D9BFEB

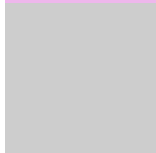


**Tritanomaly**  
EBBBD8

# Monochromacy



**Original Color**  
EEB7EC



**Achromatopsia**  
CDCDCD



**Achromatomaly**  
D9C5D8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EEB7EC 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 #EEB7EC looks like.

```
.text, #text, p{  
    color:#EEB7EC  
}
```

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 #EEB7EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EEB7EC
}
```

## Border

The CSS property to change the border of an element to Hex EEB7EC 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
#EEB7EC }
```

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

```
.border{ border-color:#EEB7EC }
```

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

Here you see how a box with a 4 pixel #EEB7EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EEB7EC; -webkit-box-shadow:4px 4px  
4px 4px #EEB7EC; box-shadow:4px 4px 4px  
4px #EEB7EC }
```

# Background

The CSS property to change the background color of an element to Hex EEB7EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EEB7EC }
```

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

```
.background{ background-color:#EEB7EC }
```

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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