

# Converting Colors

Hex(EBB5E7)

Have a look what the booklet for  
Hex(EBB5E7) contains.

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# **Color**

**Hex(EBB5E7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EBB5E7
RGB	235, 181, 231
RGB Percent	92%, 71%, 91%
CMY	0.0784, 0.2902, 0.0941
CMYK	0.00, 0.23, 0.02, 0.08
HSL	304°, 57%, 82%
HSV	304°, 23%, 92%
XYZ	65.2086, 56.4794, 83.0661
YIQ	202.8460, 16.1340, 26.9980

# Conversions

## Conversions Part 2

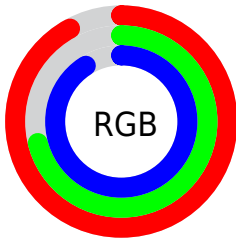
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	235, 181, 231
Decimal	15447527
CIE Lab	79.89, 27.69, -17.43
CIE LCh	80, 32.714, 327.811
Yxy	56.4794, 0.3185, 0.2758
Android (android.graphics.Color)	4293637607 (0xFFEBB5E7)
YUV	202.8460, 13.8799, 28.1991
Hunter-Lab	75.1528, 23.3636, -12.9260

# Details

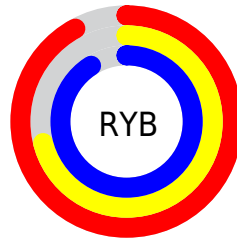
The Hex color **EBB5E7** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **B5EBB9**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **FFEDFF**, and **B380AF** is the 20% darker color. If you saturate the color by 10%, you get **EB9EE5**, and if you desaturate by 10%, it is **EBCDE9**.

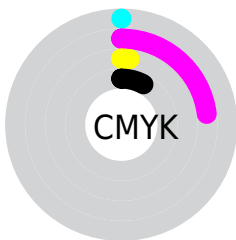
# Distribution



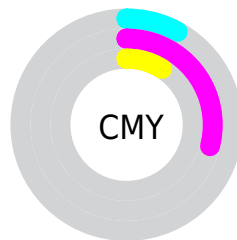
- Red (92%)
- Green (71%)
- Blue (91%)



- Red (92%)
- Yellow (71%)
- Blue (91%)



- Cyan (0%)
- Magenta (23%)
- Yellow (2%)
- Black (8%)



- Cyan (8%)
- Magenta (29%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EBB5E7 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 EBB5E7 by changing the saturation by 10% instead.



 EBB5E7

 EBB5E7

FFFFFF

 CE9ACB

 FFEDFF

 B380AF

 986695

 7D4E7B

 643662

 4B1F4A

 330833

 21001E

 000000

 EBB5E7

 EBB5E7

 EB9EE5

 EBCDE9

 EB86E4

 EBE4EA

 EB6FE2

 EBFCEC

 EB57E0

 EBFEE

 EB40DE

 EBFFF0

 EB28DD

 EBFFF1

 EB11DB

 EBFFF3

 EB00DA

 EBFFF5

 EBFFF7

# Harmonies

## Analogous

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



C7BFFC



EBB5E7



FFB0C9

# Triad

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



EBB5E7



DEC389



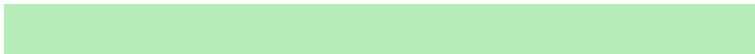
65D6E1

# Complementary

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



EBB5E7



B5EBB9

# 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.



79D7C3



EBB5E7



BECD8F

# Square

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



EBB5E7



F6B993



9AD4A5



73D2F9

# Rectangle

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



EBB5E7



FFB0B5



9AD4A5



69D7D8



# Sweetspot

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



EBB5E7



FFEDFE



B9B5EB



80757F



000000



808080



# Same Dimension

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



EBB5E7



FFB8FA



EBB5CC



756A74



B500A8



360032



# Inverse Universe

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



EBB5E7



FFB8FA



B5EBD4



756A74



B500A8

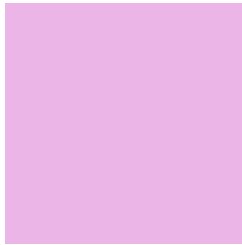


360032



# Previews

## White Background



This preview shows how the Hex color EBB5E7 looks on a white background.

## Color Contrast Check

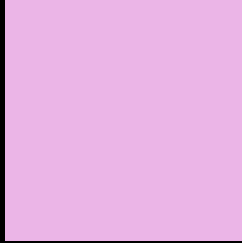
Large Text (above 18pt) WCAG AA × Fail

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 EBB5E7 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 EBB5E7 Background



This preview shows how black text looks on a background with the Hex color EBB5E7.

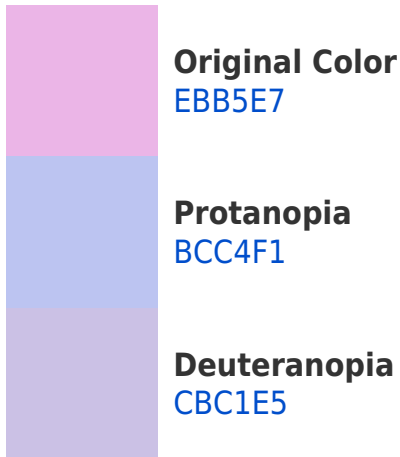



This preview shows how white text looks on a background with the Hex color EBB5E7.

# 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**  
E7BAC9

# Trichromacy



**Original Color**  
EBB5E7



**Protanomaly**  
CDBFED



**Deuteranomaly**  
D7BDE6

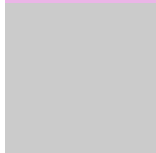


**Tritanomaly**  
E8B8D4

# Monochromacy



**Original Color**  
EBB5E7



**Achromatopsia**  
CBCBCB



**Achromatomaly**  
D7C3D5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EBB5E7 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 #EBB5E7 looks like.

```
.text, #text, p{  
    color:#EBB5E7  
}
```

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 #EBB5E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EBB5E7
}
```

## Border

The CSS property to change the border of an element to Hex EBB5E7 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
#EBB5E7 }
```

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

```
.border{ border-color:#EBB5E7 }
```

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

Here you see how a box with a 4 pixel #EBB5E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EBB5E7; -webkit-box-shadow:4px 4px  
4px 4px #EBB5E7; box-shadow:4px 4px 4px  
4px #EBB5E7 }
```

# Background

The CSS property to change the background color of an element to Hex EBB5E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EBB5E7 }
```

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

```
.background{ background-color:#EBB5E7 }
```

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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