

# Converting Colors

Hex(EBB1D4)

Have a look what the booklet for  
Hex(EBB1D4) contains.

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# **Color**

**Hex(EBB1D4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EBB1D4
RGB	235, 177, 212
RGB Percent	92%, 69%, 83%
CMY	0.0784, 0.3059, 0.1686
CMYK	0.00, 0.25, 0.10, 0.08
HSL	324°, 59%, 81%
HSV	324°, 25%, 92%
XYZ	61.8668, 53.8599, 69.4226
YIQ	198.3320, 23.3330, 23.1810

# Conversions

## Conversions Part 2

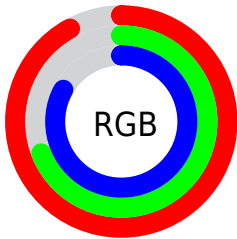
Format	Color
R <sub>Y</sub> B	235, 177, 212
Decimal	15446484
CIE Lab	78.38, 26.51, -9.41
CIE LCh	78, 28.133, 340.450
Yxy	53.8599, 0.3341, 0.2909
Android (android.graphics.Color)	4293636564 (0xFFEBB1D4)
YUV	198.3320, 6.7383, 32.1578
Hunter-Lab	73.3893, 22.0431, -4.7129

# Details

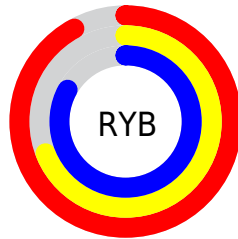
The Hex color **EBB1D4** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **B1EBC8**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **FFE9FF**, and **B37C9D** is the 20% darker color. If you saturate the color by 10%, you get **EB9ACB**, and if you desaturate by 10%, it is **EBC9DD**.

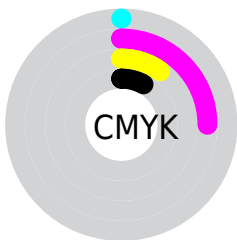
# Distribution



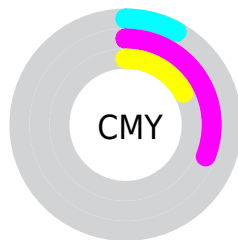
- Red (92%)
- Green (69%)
- Blue (83%)



- Red (92%)
- Yellow (69%)
- Blue (83%)



- Cyan (0%)
- Magenta (25%)
- Yellow (10%)
- Black (8%)



- Cyan (8%)
- Magenta (31%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EBB1D4 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 EBB1D4 by changing the saturation by 10% instead.



 EBB1D4

 EBB1D4

FFFFFF

 CE96B8

 FFE9FF

 B37C9D

 976383

 7D4A6A

 633352

 4A1C3B

 330525

 1E0010

 000000

 EBB1D4

 EBB1D4

 EB9ACB

 EBC9DD

 EB82C1

 EBE0E7

 EB6BB8

 EBF8F0

 EB53AF

 EBFFF9

 EB3CA5

 EBFFFF

 EB249C

 EB0D93

 EB008E

# Harmonies

## Analogous

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



D1B8EA



EBB1D4



F7AFBA

# Triad

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



EBB1D4



CCC38E



76CFE3

# Complementary

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



EBB1D4



B1EBC8

# 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.



7AD1CA



EBB1D4



AFCB9A

# Square

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



EBB1D4



E4BA91



91CFB0



8BC9F2

# Rectangle

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



EBB1D4



F6B1A9



91CFB0



74D0DB



# Sweetspot

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



EBB1D4



FFEDF8



C7B1EB



80757B



000000



808080



# Same Dimension

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



EBB1D4



FFB3E1



EBB1B8



756A71



B5006D



360020



# Inverse Universe

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



EBB1D4



FFB3E1



B1EBE4



756A71



B5006D



360020



# Previews

## White Background



This preview shows how the Hex color EBB1D4 looks on a white background.

## Color Contrast Check

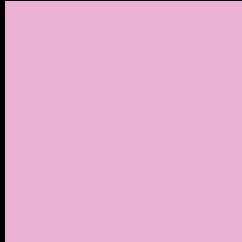
Large Text (above 18pt) WCAG AA × Fail

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 EBB1D4 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 EBB1D4 Background



This preview shows how black text looks on a background with the Hex color EBB1D4.

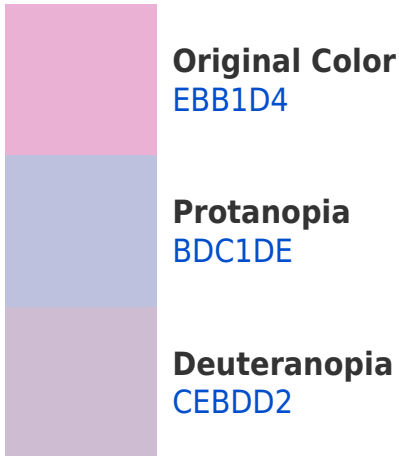


This preview shows how white text looks on a background with the Hex color EBB1D4.

# 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



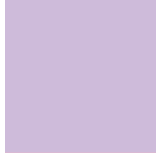


**Tritanopia**  
E9B4C2

# Trichromacy



**Original Color**  
EBB1D4



**Protanomaly**  
CEBBDA



**Deuteranomaly**  
D9B9D3

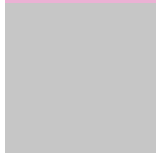


**Tritanomaly**  
EAB3C9

# Monochromacy



**Original Color**  
EBB1D4



**Achromatopsia**  
C6C6C6



**Achromatomaly**  
D3BECB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EBB1D4 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 #EBB1D4 looks like.

```
.text, #text, p{  
    color:#EBB1D4  
}
```

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 #EBB1D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EBB1D4
}
```

## Border

The CSS property to change the border of an element to Hex EBB1D4 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
#EBB1D4 }
```

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

```
.border{ border-color:#EBB1D4 }
```

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

Here you see how a box with a 4 pixel #EBB1D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EBB1D4; -webkit-box-shadow:4px 4px  
4px 4px #EBB1D4; box-shadow:4px 4px 4px  
4px #EBB1D4 }
```

# Background

The CSS property to change the background color of an element to Hex EBB1D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EBB1D4 }
```

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

```
.background{ background-color:#EBB1D4 }
```

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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