

# Converting Colors

Hex(EBB2F4)

Have a look what the booklet for  
Hex(EBB2F4) contains.

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# **Color**

**Hex(EBB2F4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EBB2F4
RGB	235, 178, 244
RGB Percent	92%, 70%, 96%
CMY	0.0784, 0.3020, 0.0431
CMYK	0.04, 0.27, 0.00, 0.04
HSL	292°, 75%, 83%
HSV	292°, 27%, 96%
XYZ	66.5105, 56.0346, 92.8982
YIQ	202.5670, 12.7860, 32.6100

# Conversions

## Conversions Part 2

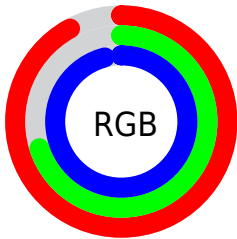
Format	Color
R <sub>Y</sub> B	235, 178, 244
Decimal	15446772
CIE Lab	79.63, 31.69, -24.81
CIE LCh	80, 40.243, 321.947
Yxy	56.0346, 0.3087, 0.2601
Android (android.graphics.Color)	4293636852 (0xFFEBB2F4)
YUV	202.5670, 20.4265, 28.4437
Hunter-Lab	74.8563, 27.6004, -21.1808

# Details

The Hex color **EBB2F4** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **BBF4B2**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FFEAFF**, and **B27DBC** is the 20% darker color. If you saturate the color by 10%, you get **E89AF4**, and if you desaturate by 10%, it is **EECAF4**.

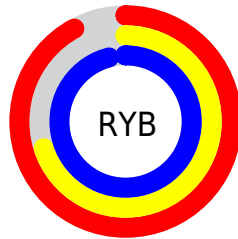
# Distribution



Red (92%)

Green (70%)

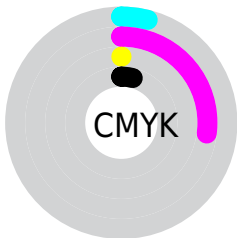
Blue (96%)



Red (92%)

Yellow (70%)

Blue (96%)

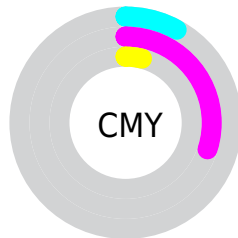


Cyan (4%)

Magenta (27%)

Yellow (0%)

Black (4%)



Cyan (8%)

Magenta (30%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EBB2F4 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 EBB2F4 by changing the saturation by 10% instead.



 EBB2F4

 EBB2F4

FFFFFF

 CE97D7

 FFEAFF

 B27DBC

 9763A1

 7D4B86

 63336D

 4A1B54

 32033D

 200027

 000110

 EBB2F4

 EBB2F4

 E89AF4

 EECAF4

 E481F4

 F2E3F4

 E169F4

 F5FBF4

 DE50F4

 F8FFF4

 DA38F4

 FCFFF4

 D720F4

 FFFFF4

 D407F4

 D300F4

# Harmonies

## Analogous

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



BBBFFF



EBB2F4



FFA9D1

# Triad

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



EBB2F4



E8C07B



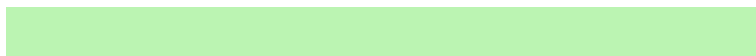
39D9E0

# Complementary

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



EBB2F4



BBF4B2

# 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.



67D9BA



EBB2F4



C2CC7F

# Square

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



EBB2F4



FFB38C



97D496



43D5FF

# Rectangle

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



EBB2F4



FFA9B8



97D496



47DAD4



# Sweetspot

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



EBB2F4



FCEBFF



B2BCF4



7E7380



000000



808080



# Same Dimension

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



EBB2F4



F4ADFF



F4B2DD



796E7A



A100BA



33003B



# Inverse Universe

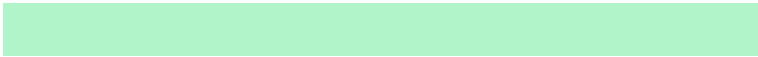
The Inverse Universe completely reimagines the original color for something new.



F4B2BB



FFADB9



B2F4C9



7A6E70



BA0019



3B0008



# Previews

## White Background



This preview shows how the Hex color EBB2F4 looks on a white background.

## Color Contrast Check

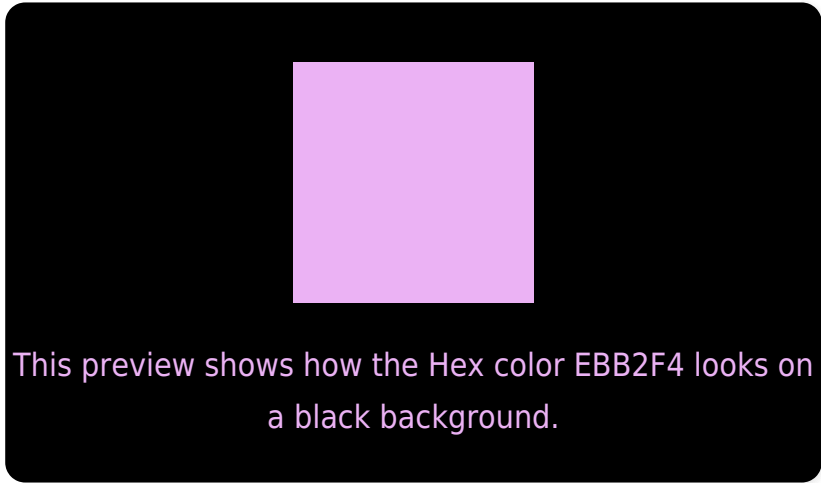
Large Text (above 18pt) WCAG AA × Fail

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 EBB2F4 Background



This preview shows how black text looks on a background with the Hex color EBB2F4.

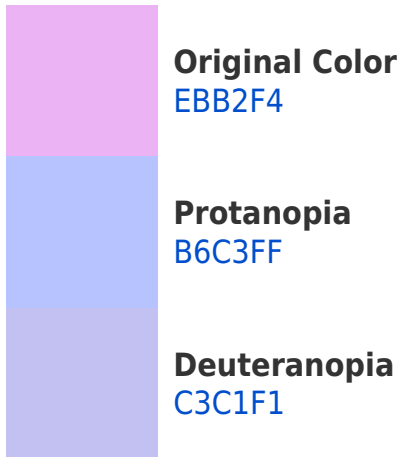



This preview shows how white text looks on a background with the Hex color EBB2F4.

# 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**  
E5BAC9

# Trichromacy



**Original Color**  
EBB2F4



**Protanomaly**  
C9BDFB



**Deuteranomaly**  
D2BCF2

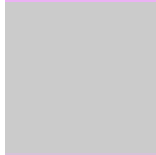


**Tritanomaly**  
E7B7D9

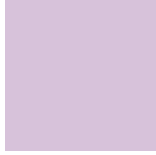
# Monochromacy



**Original Color**  
EBB2F4



**Achromatopsia**  
CBCBCB



**Achromatomaly**  
D7C2DA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EBB2F4 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 #EBB2F4 looks like.

```
.text, #text, p{  
    color:#EBB2F4  
}
```

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 #EBB2F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EBB2F4
}
```

## Border

The CSS property to change the border of an element to Hex EBB2F4 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
#EBB2F4 }
```

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

```
.border{ border-color:#EBB2F4 }
```

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

Here you see how a box with a 4 pixel #EBB2F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EBB2F4; -webkit-box-shadow:4px 4px  
4px 4px #EBB2F4; box-shadow:4px 4px 4px  
4px #EBB2F4 }
```

# Background

The CSS property to change the background color of an element to Hex EBB2F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EBB2F4 }
```

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

```
.background{ background-color:#EBB2F4 }
```

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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