

# Converting Colors

Hex(E6B3F1)

Have a look what the booklet for  
Hex(E6B3F1) contains.

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# Color

**Hex(E6B3F1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E6B3F1
RGB	230, 179, 241
RGB Percent	90%, 70%, 95%
CMY	0.0980, 0.2980, 0.0549
CMYK	0.05, 0.26, 0.00, 0.05
HSL	289°, 69%, 82%
HSV	289°, 26%, 95%
XYZ	64.6304, 55.4141, 90.5087
YIQ	201.3170, 10.4940, 30.0940

# Conversions

## Conversions Part 2

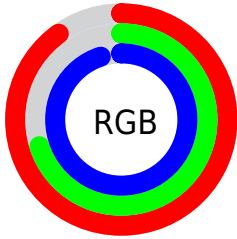
Format	Color
R <sub>Y</sub> B	230, 179, 241
Decimal	15119345
CIE Lab	79.28, 28.99, -23.78
CIE LCh	79, 37.495, 320.647
Yxy	55.4141, 0.3070, 0.2632
Android (android.graphics.Color)	4293309425 (0xFFE6B3F1)
YUV	201.3170, 19.5637, 25.1550
Hunter-Lab	74.4406, 24.7051, -19.9793

# Details

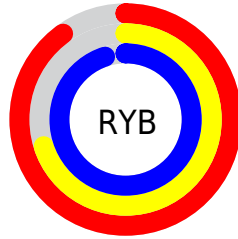
The Hex color **E6B3F1** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **BEF1B3**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FFEBFF**, and **AE7EB9** is the 20% darker color. If you saturate the color by 10%, you get **E29BF1**, and if you desaturate by 10%, it is **EACBF1**.

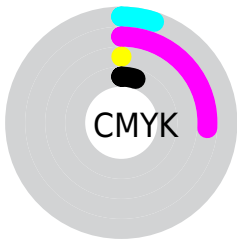
# Distribution



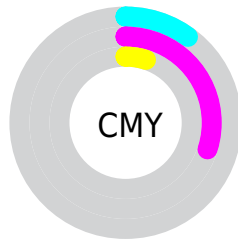
- Red (90%)
- Green (70%)
- Blue (95%)



- Red (90%)
- Yellow (70%)
- Blue (95%)



- Cyan (5%)
- Magenta (26%)
- Yellow (0%)
- Black (5%)



- Cyan (10%)
- Magenta (30%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E6B3F1 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 E6B3F1 by changing the saturation by 10% instead.



 E6B3F1

FFFFFF

 FFE6FF

 E6B3F1

 CA98D5

 AE7EB9

 93649E

 784C84

 5F346A

 461D52

 2F063A

 1C0025

 00010D

 E6B3F1

 E6B3F1

 E29BF1

 EACBF1

 DD83F1

 EFE3F1

 D96BF1

 F3FBF1

 D553F1

 F7FFF1

 D13AF1

 FBFFF1

 CC22F1

 FFFFF1

 C80AF1

 C600F1

# Harmonies

## Analogous

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



B9BFFF



E6B3F1



FFABD1

# Triad

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



E6B3F1



E6BE80



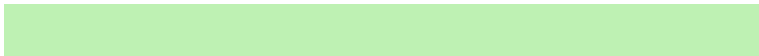
4DD7DC

# Complementary

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



E6B3F1



BEF1B3

# 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.



71D7B8



E6B3F1



C4CA82

# Square

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



E6B3F1



FFB390



9CD297



53D3F9

# Rectangle

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



E6B3F1



FFAAB9



9CD297



57D7D0



# Sweetspot

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



E6B3F1



FBEBFF



B3BEF1



7D7380



000000



808080



# Same Dimension

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



E6B3F1



F1B0FF



F1B3DD



766C78



9700B8



2E0038



# Inverse Universe

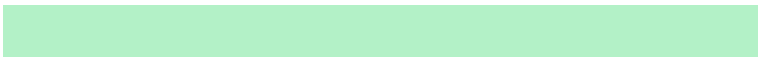
The Inverse Universe completely reimagines the original color for something new.



F1B3BE



FFB0BE



B3F1C7



786C6E



B80021

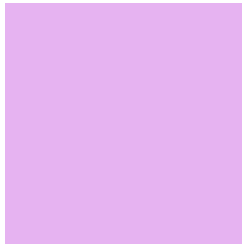


38000A



# Previews

## White Background



This preview shows how the Hex color E6B3F1 looks on a white background.

## Color Contrast Check

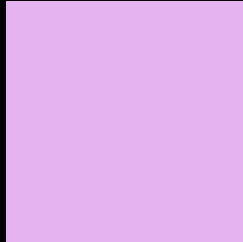
Large Text (above 18pt) WCAG AA × Fail

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 E6B3F1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

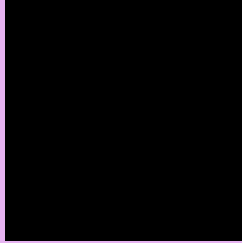
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E6B3F1 Background



This preview shows how black text looks on a background with the Hex color E6B3F1.

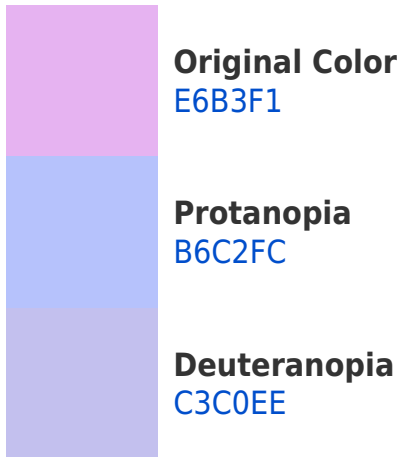


This preview shows how white text looks on a background with the Hex color E6B3F1.

# 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**  
E6B3F1



**Protanomaly**  
C7BDF8



**Deuteranomaly**  
D0BBEF

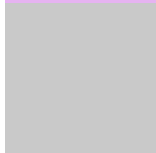


**Tritanomaly**  
E2B7D8

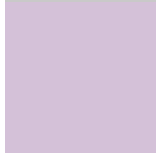
# Monochromacy



**Original Color**  
E6B3F1



**Achromatopsia**  
C9C9C9



**Achromatomaly**  
D4C1D8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E6B3F1 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 #E6B3F1 looks like.

```
.text, #text, p{  
    color:#E6B3F1  
}
```

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 #E6B3F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6B3F1
}
```

## Border

The CSS property to change the border of an element to Hex E6B3F1 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
#E6B3F1 }
```

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

```
.border{ border-color:#E6B3F1 }
```

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

Here you see how a box with a 4 pixel #E6B3F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6B3F1; -webkit-box-shadow:4px 4px  
4px 4px #E6B3F1; box-shadow:4px 4px 4px  
4px #E6B3F1 }
```

# Background

The CSS property to change the background color of an element to Hex E6B3F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6B3F1 }
```

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

```
.background{ background-color:#E6B3F1 }
```

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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