

# Converting Colors

Hex(E6B3E6)

Have a look what the booklet for  
Hex(E6B3E6) contains.

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# **Color**

**Hex(E6B3E6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E6B3E6
RGB	230, 179, 230
RGB Percent	90%, 70%, 90%
CMY	0.0980, 0.2980, 0.0980
CMYK	0.00, 0.22, 0.00, 0.10
HSL	300°, 50%, 80%
HSV	300°, 22%, 90%
XYZ	63.0362, 54.7764, 82.1134
YIQ	200.0630, 14.0250, 26.6730

# Conversions

## Conversions Part 2

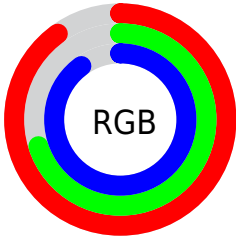
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	230, 179, 230
Decimal	15119334
CIE Lab	78.91, 26.93, -18.40
CIE LCh	79, 32.618, 325.650
Yxy	54.7764, 0.3153, 0.2740
Android (android.graphics.Color)	4293309414 (0xFFE6B3E6)
YUV	200.0630, 14.7589, 26.2547
Hunter-Lab	74.0111, 22.5114, -13.9731

# Details

The Hex color **E6B3E6** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **B3E6B3**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **FFEBFF**, and **AE7EAE** is the 20% darker color. If you saturate the color by 10%, you get **E69CE6**, and if you desaturate by 10%, it is **E6CAE6**.

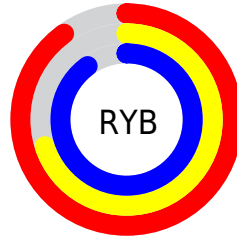
# Distribution



Red (90%)

Green (70%)

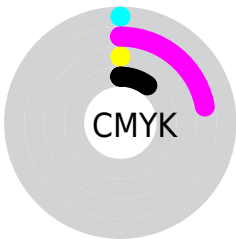
Blue (90%)



Red (90%)

Yellow (70%)

Blue (90%)

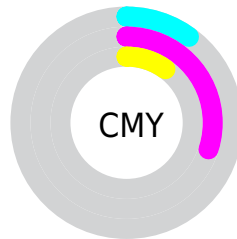


Cyan (0%)

Magenta (22%)

Yellow (0%)

Black (10%)



Cyan (10%)

Magenta (30%)

Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E6B3E6 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 E6B3E6 by changing the saturation by 10% instead.



 E6B3E6

 E6B3E6

FFFFFF

 CA98CA

 FFE6FF

 AE7EAE

 936494

 794C7A

 5F3461

 471E49

 2F0732

 1C001E

 000000

 E6B3E6

 E6B3E6

 E69CE6

 E6CAE6

 E685E6

 E6E1E6

 E66EE6

 E6F8E6

 E657E6

 E6FFE6

 E640E6

 E629E6

 E612E6

 E600E6

# Harmonies

## Analogous

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



C2BDFA



E6B3E6



FCADC9

# Triad

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



E6B3E6



DDC087



63D4DD

# Complementary

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



E6B3E6



B3E6B3

# 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.



79D4BE



E6B3E6



BEC98C

# Square

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



E6B3E6



F5B692



9BD0A0



6FCFF5

# Rectangle

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



E6B3E6



FFADB4



9BD0A0



68D4D3



# Sweetspot

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



E6B3E6



FFEDFF



B3B3E6



807580



000000



808080



# Same Dimension

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



E6B3E6



FFBAFF



E6B3CD



736773



B300B3



330033



# Inverse Universe

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



E6B3E6



FFBAFF



B3E6CD



736773



B300B3

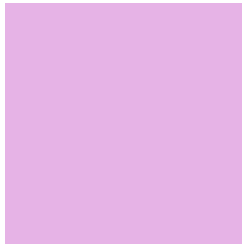


330033



# Previews

## White Background



This preview shows how the Hex color E6B3E6 looks on a white background.

## Color Contrast Check

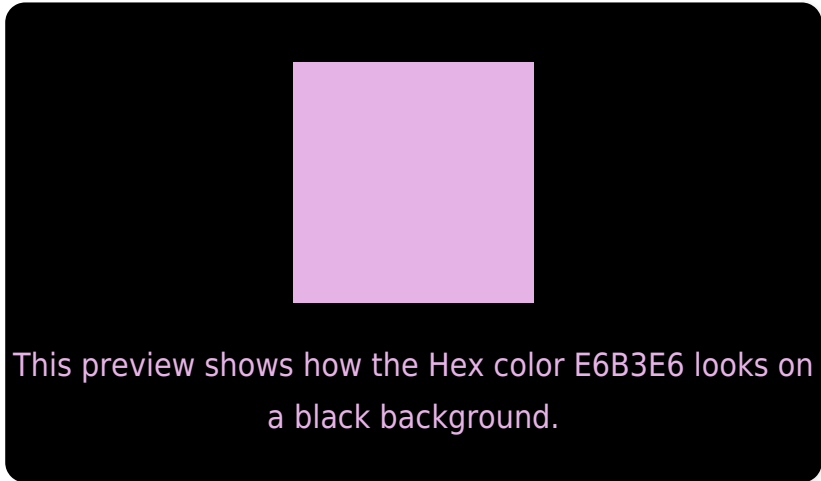
Large Text (above 18pt) WCAG AA × Fail

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 E6B3E6 Background



This preview shows how black text looks on a background with the Hex color E6B3E6.



This preview shows how white text looks on a background with the Hex color E6B3E6.

# 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**  
E2B9C7

# Trichromacy



**Original Color**  
E6B3E6



**Protanomaly**  
C9BDEC



**Deuteranomaly**  
D2BBE5

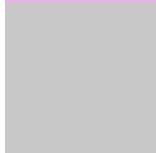


**Tritanomaly**  
E3B7D2

# Monochromacy



**Original Color**  
E6B3E6



**Achromatopsia**  
C8C8C8



**Achromatomaly**  
D3C0D3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E6B3E6 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 #E6B3E6 looks like.

```
.text, #text, p{  
    color:#E6B3E6  
}
```

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 #E6B3E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6B3E6
}
```

## Border

The CSS property to change the border of an element to Hex E6B3E6 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
#E6B3E6 }
```

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

```
.border{ border-color:#E6B3E6 }
```

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

Here you see how a box with a 4 pixel #E6B3E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6B3E6; -webkit-box-shadow:4px 4px  
4px 4px #E6B3E6; box-shadow:4px 4px 4px  
4px #E6B3E6 }
```

# Background

The CSS property to change the background color of an element to Hex E6B3E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6B3E6 }
```

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

```
.background{ background-color:#E6B3E6 }
```

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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