

# Converting Colors

Hex(E6A8DD)

Have a look what the booklet for  
Hex(E6A8DD) contains.

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# **Color**

**Hex(E6A8DD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6A8DD
RGB	230, 168, 221
RGB Percent	90%, 66%, 87%
CMY	0.0980, 0.3412, 0.1333
CMYK	0.00, 0.27, 0.04, 0.10
HSL	309°, 55%, 78%
HSV	309°, 27%, 90%
XYZ	59.6869, 50.0487, 74.9211
YIQ	192.5800, 19.9390, 29.6270

# Conversions

## Conversions Part 2

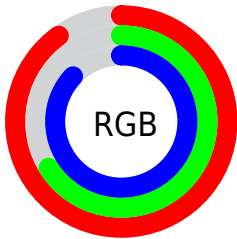
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	230, 168, 221
Decimal	15116509
CIE <sub>Lab</sub>	76.10, 31.19, -17.78
CIE <sub>LCh</sub>	76, 35.901, 330.321
Yxy	50.0487, 0.3232, 0.2710
Android (android.graphics.Color)	4293306589 (0xFFE6A8DD)
YUV	192.5800, 14.0111, 32.8173
Hunter-Lab	70.7451, 26.7946, -13.2683

# Details

The Hex color **E6A8DD** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A8E6B1**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FFE0FF**, and **AE73A6** is the 20% darker color. If you saturate the color by 10%, you get **E691DA**, and if you desaturate by 10%, it is **E6BFE0**.

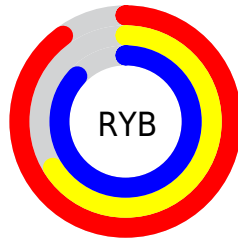
# Distribution



Red (90%)

Green (66%)

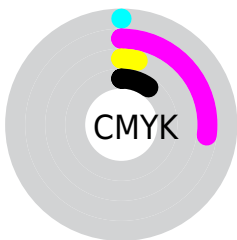
Blue (87%)



Red (90%)

Yellow (66%)

Blue (87%)

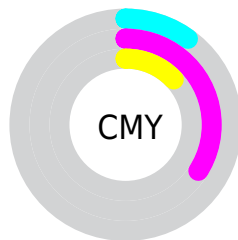


Cyan (0%)

Magenta (27%)

Yellow (4%)

Black (10%)



Cyan (10%)

Magenta (34%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E6A8DD 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 E6A8DD by changing the saturation by 10% instead.



 E6A8DD

 E6A8DD

FFFFFF

 CA8DC1

 FFE0FF

 AE73A6

 FFFDFD

 935A8B

 784272

 5F2A59

 461242

 2E002B

 150017

 000000

 E6A8DD

 E6A8DD

 E691DA

 E6BFE0

 E67AD6

 E6D6E4

 E663D3

 E6EDE7

 E64CD0

 E6FFEA

 E635CC

 E6FFEE

 E61EC9

 E6FFF1

 E607C6

 E6FFF4

 E600C5

 E6FFF8

 E6FFFB

# Harmonies

## Analogous

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



C0B3F5



E6A8DD



FAA2BD

# Triad

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



E6A8DD



D2BA79



47CDDC

# Complementary

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



E6A8DD



A8E6B1

# 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.



60CEBB



E6A8DD



AFC481

# Square

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



E6A8DD



EDAE83



88CB9A



5DC8F4

# Rectangle

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



E6A8DD



FDA3A6



88CB9A



4CCED1



# Sweetspot

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



E6A8DD



FFEBFC



B0A8E6



80737E



000000



808080



# Same Dimension

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



E6A8DD



FFADF3



E6A8BF



736771



B30099



33002C



# Inverse Universe

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



E6A8DD



FFADF3



A8E6CF



736771



B30099



33002C



# Previews

## White Background



This preview shows how the Hex color E6A8DD looks on a white background.

## Color Contrast Check

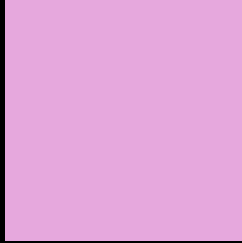
Large Text (above 18pt) WCAG AA × Fail

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 E6A8DD 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 E6A8DD Background



This preview shows how black text looks on a background with the Hex color E6A8DD.

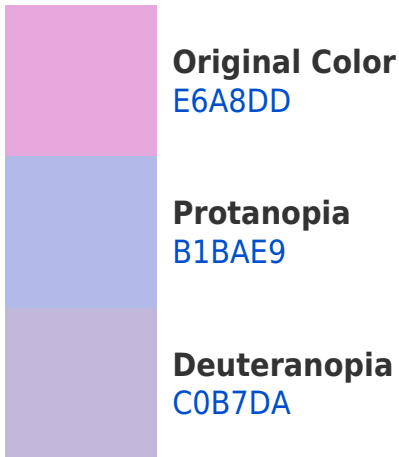


This preview shows how white text looks on a background with the Hex color E6A8DD.

# 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**  
E6A8DD



**Protanomaly**  
C4B3E5



**Deuteranomaly**  
CEB2DB

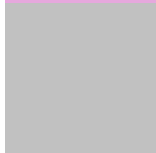


**Tritanomaly**  
E3ACC8

# Monochromacy



**Original Color**  
E6A8DD



**Achromatopsia**  
C1C1C1



**Achromatomaly**  
CEB8CB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E6A8DD 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 #E6A8DD looks like.

```
.text, #text, p{  
    color:#E6A8DD  
}
```

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 #E6A8DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6A8DD
}
```

## Border

The CSS property to change the border of an element to Hex E6A8DD 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
#E6A8DD }
```

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

```
.border{ border-color:#E6A8DD }
```

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

Here you see how a box with a 4 pixel #E6A8DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6A8DD; -webkit-box-shadow:4px 4px  
4px 4px #E6A8DD; box-shadow:4px 4px 4px  
4px #E6A8DD }
```

# Background

The CSS property to change the background color of an element to Hex E6A8DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6A8DD }
```

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

```
.background{ background-color:#E6A8DD }
```

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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