

# Converting Colors

Hex(E1B1DD)

Have a look what the booklet for  
Hex(E1B1DD) contains.

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# **Color**

**Hex(E1B1DD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1B1DD
RGB	225, 177, 221
RGB Percent	88%, 69%, 87%
CMY	0.1176, 0.3059, 0.1333
CMYK	0.00, 0.21, 0.02, 0.12
HSL	305°, 44%, 79%
HSV	305°, 21%, 88%
XYZ	59.8246, 52.6723, 75.4203
YIQ	196.3680, 14.4840, 23.8600

# Conversions

## Conversions Part 2

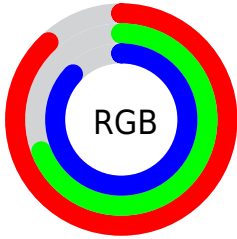
Format	Color
R <sub>Y</sub> B	225, 177, 221
Decimal	14791133
CIE Lab	77.68, 24.70, -15.44
CIE LCh	78, 29.130, 327.993
Yxy	52.6723, 0.3184, 0.2803
Android (android.graphics.Color)	4292981213 (0xFFE1B1DD)
YUV	196.3680, 12.1436, 25.1103
Hunter-Lab	72.5757, 20.1313, -10.8109

# Details

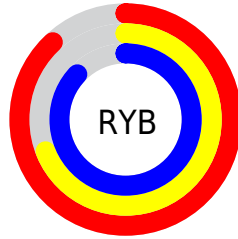
The Hex color **E1B1DD** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **B1E1B5**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **FFE9FF**, and **A97CA6** is the 20% darker color. If you saturate the color by 10%, you get **E19BDB**, and if you desaturate by 10%, it is **E1C7DF**.

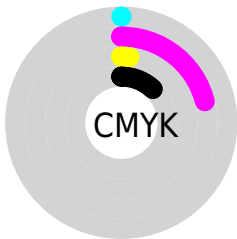
# Distribution



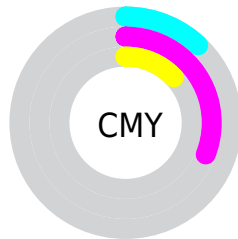
- Red (88%)
- Green (69%)
- Blue (87%)



- Red (88%)
- Yellow (69%)
- Blue (87%)



- Cyan (0%)
- Magenta (21%)
- Yellow (2%)
- Black (12%)



- Cyan (12%)
- Magenta (31%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E1B1DD 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 E1B1DD by changing the saturation by 10% instead.



 E1B1DD

FFFFFF

 FFE9FF

 E1B1DD

 C596C1

 A97CA6

 8E638B

 744A72

 5B3359

 431D42

 2C062C

 150017

 000000

 E1B1DD

 E1B1DD

 E19BDB


 E1C7DF

 E184D9

 E1DEE1

 E16ED7

 E1F4E3

 E157D6


 E1FFE4

 E140D4

 E1FFE6

 E12AD2

 E1FFE8

 E113D0

 E1FFEA

 E100CE

 E1FFEC

 E1FFEE

# Harmonies

## Analogous

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



C2BAF0



E1B1DD



F3ACC3

# Triad

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



E1B1DD



D5BE8A



6ECED8

# Complementary

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



E1B1DD



B1E1B5

# 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.



7DCFBD



E1B1DD



B9C690

# Square

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



E1B1DD



EBB593



9ACCA3



7ACAED

# Rectangle

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



E1B1DD



F7ADB1



9ACCA3



71CFD0



# Sweetspot

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



E1B1DD



FFF0FE



B5B1E1



80777F



000000



808080



# Same Dimension

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



E1B1DD



FFBDF9



E1B1C5



70656F



B000A1



30002C



# Inverse Universe

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



E1B1DD



FFBDF9



B1E1CD



70656F



B000A1



30002C



# Previews

## White Background



This preview shows how the Hex color E1B1DD looks on a white background.

## Color Contrast Check

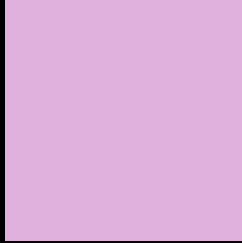
Large Text (above 18pt) WCAG AA × Fail

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 E1B1DD 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 E1B1DD Background



This preview shows how black text looks on a background with the Hex color E1B1DD.

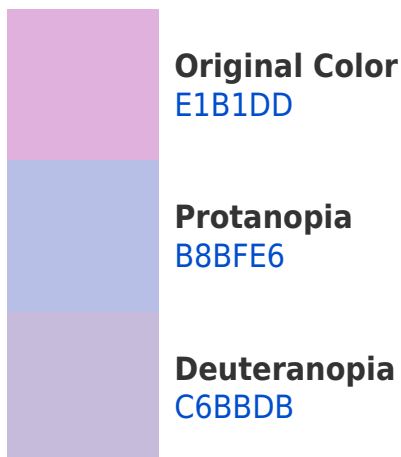


This preview shows how white text looks on a background with the Hex color E1B1DD.

# 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**  
DDB6C4

# Trichromacy



**Original Color**  
E1B1DD



**Protanomaly**  
C7BAE3



**Deuteranomaly**  
D0B7DC

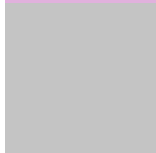


**Tritanomaly**  
DEB4CD

# Monochromacy



**Original Color**  
E1B1DD



**Achromatopsia**  
C4C4C4



**Achromatomaly**  
CFBDCD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E1B1DD 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 #E1B1DD looks like.

```
.text, #text, p{  
    color:#E1B1DD  
}
```

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 #E1B1DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E1B1DD
}
```

## Border

The CSS property to change the border of an element to Hex E1B1DD 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
#E1B1DD }
```

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

```
.border{ border-color:#E1B1DD }
```

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

Here you see how a box with a 4 pixel #E1B1DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E1B1DD; -webkit-box-shadow:4px 4px  
4px 4px #E1B1DD; box-shadow:4px 4px 4px  
4px #E1B1DD }
```

# Background

The CSS property to change the background color of an element to Hex E1B1DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E1B1DD }
```

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

```
.background{ background-color:#E1B1DD }
```

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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