

# Converting Colors

Hex(E1BBDE)

Have a look what the booklet for  
Hex(E1BBDE) contains.

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# **Color**

**Hex(E1BBDE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1BBDE
RGB	225, 187, 222
RGB Percent	88%, 73%, 87%
CMY	0.1176, 0.2667, 0.1294
CMYK	0.00, 0.17, 0.01, 0.12
HSL	305°, 39%, 81%
HSV	305°, 17%, 88%
XYZ	62.0065, 56.8221, 76.8069
YIQ	202.3520, 11.4130, 18.9410

# Conversions

## Conversions Part 2

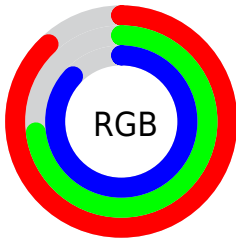
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	225, 187, 222
Decimal	14793694
CIE <sub>Lab</sub>	80.08, 19.51, -12.38
CIE <sub>LCh</sub>	80, 23.109, 327.599
Yxy	56.8221, 0.3169, 0.2904
Android (android.graphics.Color)	4292983774 (0xFFE1BBDE)
YUV	202.3520, 9.6865, 19.8623
Hunter-Lab	75.3805, 14.9148, -7.6457

# Details

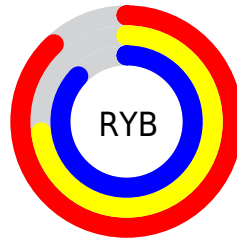
The Hex color **E1BBDE** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **BBE1BE**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FFF3FF**, and **A986A7** is the 20% darker color. If you saturate the color by 10%, you get **E1A4DC**, and if you desaturate by 10%, it is **E1D2E0**.

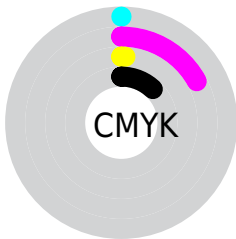
# Distribution



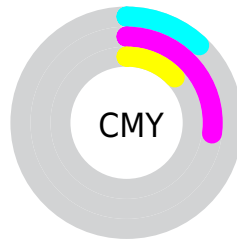
- Red (88%)
- Green (73%)
- Blue (87%)



- Red (88%)
- Yellow (73%)
- Blue (87%)



- Cyan (0%)
- Magenta (17%)
- Yellow (1%)
- Black (12%)



- Cyan (12%)
- Magenta (27%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E1BBDE 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 E1BBDE by changing the saturation by 10% instead.



 E1BBDE

FFFFFF

 FFF3FF

 E1BBDE

 C5A0C2

 A986A7

 8F6C8C

 755473

 5C3C5A

 442643

 2D112D

 1B0019

 000000

 E1BBDE

 E1BBDE

 E1A4DC

 E1D2E0

 E18EDA

 E1E8E2

 E177D9

 E1FFE3

 E161D7


 E1FFE5

 E14BD5

 E1FFE7

 E134D3

 E1FFE9

 E11ED2

 E1FFEA

 E107D0

 E1FFEC

 E100CF

 E1FFEE

# Harmonies

## Analogous

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



C8C2ED



E1BBDE



F0B7C9

# Triad

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



E1BBDE



D9C59C



8BD2DA

# Complementary

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



E1BBDE



BBE1BE

# 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.



94D3C4



E1BBDE



C2CBA0

# Square

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



E1BBDE



EABDA3



A9D0AF



93CFEA

# Rectangle

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



E1BBDE



F3B8BA



A9D0AF



8CD3D3



# Sweetspot

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



E1BBDE



FFF2FE



BEBBE1



80787F



000000



808080



# Same Dimension

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



E1BBDE



FFCCFB



E1BBCB



70656F



B000A2



30002D



# Inverse Universe

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



E1BBDE



FFCCFB



BBE1D1



70656F



B000A2

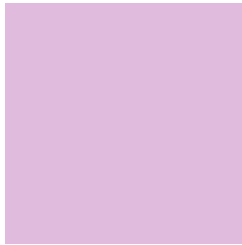


30002D



# Previews

## White Background



This preview shows how the Hex color E1BBDE looks on a white background.

## Color Contrast Check

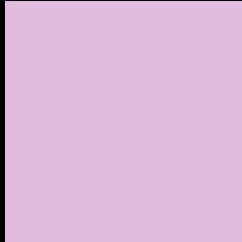
Large Text (above 18pt) WCAG AA × Fail

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 E1BBDE 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 E1BBDE Background



This preview shows how black text looks on a background with the Hex color E1BBDE.

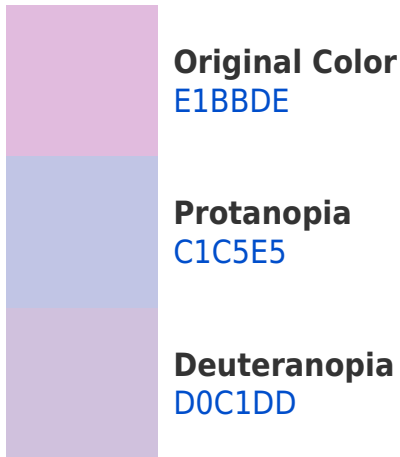


This preview shows how white text looks on a background with the Hex color E1BBDE.

# 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**  
E1BBDE

**Protanomaly**  
CDC1E2

**Deuteranomaly**  
D6BFDD

**Tritanomaly**  
E0BDD3

# Monochromacy



**Original Color**  
E1BBDE

**Achromatopsia**  
CACACA

**Achromatomaly**  
D2C5D1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E1BBDE 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 #E1BBDE looks like.

```
.text, #text, p{  
  color:#E1BBDE  
}
```

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 #E1BBDE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E1BBDE
}
```

## Border

The CSS property to change the border of an element to Hex E1BBDE 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
#E1BBDE }
```

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

```
.border{ border-color:#E1BBDE }
```

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

Here you see how a box with a 4 pixel #E1BBDE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E1BBDE; -webkit-box-shadow:4px 4px  
4px 4px #E1BBDE; box-shadow:4px 4px 4px  
4px #E1BBDE }
```

# Background

The CSS property to change the background color of an element to Hex E1BBDE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E1BBDE }
```

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

```
.background{ background-color:#E1BBDE }
```

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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