

# Converting Colors

Hex(E1B6EC)

Have a look what the booklet for  
Hex(E1B6EC) contains.

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# **Color**

**Hex(E1B6EC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1B6EC
RGB	225, 182, 236
RGB Percent	88%, 71%, 93%
CMY	0.1176, 0.2863, 0.0745
CMYK	0.05, 0.23, 0.00, 0.07
HSL	288°, 59%, 82%
HSV	288°, 23%, 93%
XYZ	62.9196, 55.5196, 86.7570
YIQ	201.0130, 8.2940, 25.9100

# Conversions

## Conversions Part 2

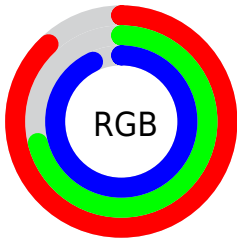
Format	Color
R <sub>Y</sub> B	225, 182, 236
Decimal	14792428
CIE Lab	79.34, 24.82, -21.04
CIE LCh	79, 32.534, 319.715
Yxy	55.5196, 0.3066, 0.2706
Android (android.graphics.Color)	4292982508 (0xFFE1B6EC)
YUV	201.0130, 17.2486, 21.0366
Hunter-Lab	74.5115, 20.3354, -16.8760

# Details

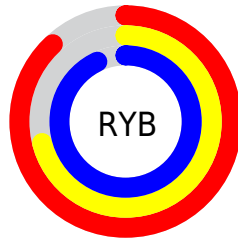
The Hex color **E1B6EC** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **C1ECB6**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FFEEFF**, and **A981B4** is the 20% darker color. If you saturate the color by 10%, you get **DC9EEC**, and if you desaturate by 10%, it is **E6CEEC**.

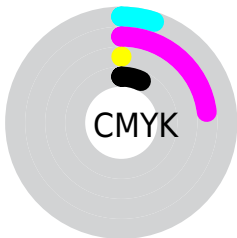
# Distribution



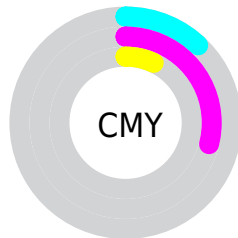
- Red (88%)
- Green (71%)
- Blue (93%)



- Red (88%)
- Yellow (71%)
- Blue (93%)



- Cyan (5%)
- Magenta (23%)
- Yellow (0%)
- Black (7%)



- Cyan (12%)
- Magenta (29%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E1B6EC 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 E1B6EC by changing the saturation by 10% instead.



 E1B6EC

FFFFFF

 FFEEFF

 E1B6EC

 C59BD0

 A981B4

 8E6799

 744F7F

 5B3766

 43214E

 2C0B37

 1A0022

 000006

 E1B6EC

 E1B6EC

 DC9EEC

 E6CEEC

 D787EC

 EBE5EC

 D36FEC

 EFFDEC

 CE58EC

 F4FFEC

 C940EC

 F9FFEC

 C428EC

 FEF FEC

 BF11EC

 FFFFEC

 BC00EC

# Harmonies

## Analogous

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



BBC0FD



E1B6EC



FAAFD0

# Triad

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



E1B6EC



E4BF89



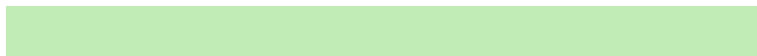
67D5D8

# Complementary

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



E1B6EC



C1ECB6

# 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.



80D5B9



E1B6EC



C5C98B

# Square

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



E1B6EC



F9B598



A3D09D



6BD2F2

# Rectangle

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



E1B6EC



FFAEBC



A3D09D



6DD5CE



# Sweetspot

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



E1B6EC



FBEDFF



B6C2EC



7D7580



000000



808080



# Same Dimension

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



E1B6EC



F1BAFF



ECB6DD



736A75



9000B5



2B0036



# Inverse Universe

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



ECB6C1



FFBAC8



B6ECC5



756A6C



B50025

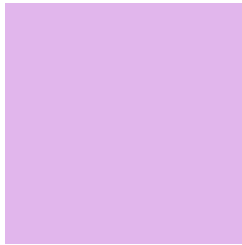


36000B



# Previews

## White Background



This preview shows how the Hex color E1B6EC looks on a white background.

## Color Contrast Check

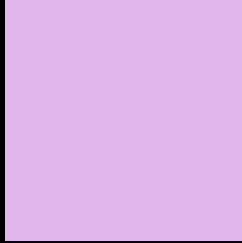
Large Text (above 18pt) WCAG AA × Fail

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 E1B6EC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

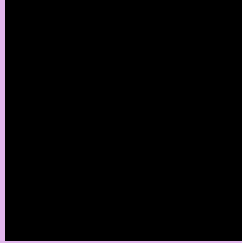
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E1B6EC Background



This preview shows how black text looks on a background with the Hex color E1B6EC.



This preview shows how white text looks on a background with the Hex color E1B6EC.

# 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**  
E1B6EC



**Protanomaly**  
C8BEF2



**Deuteranomaly**  
D0BCEB



**Tritanomaly**  
DEBAD7

# Monochromacy



**Original Color**  
E1B6EC



**Achromatopsia**  
C9C9C9



**Achromatomaly**  
D2C2D6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E1B6EC 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 #E1B6EC looks like.

```
.text, #text, p{  
    color:#E1B6EC  
}
```

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 #E1B6EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E1B6EC
}
```

## Border

The CSS property to change the border of an element to Hex E1B6EC 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
#E1B6EC }
```

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

```
.border{ border-color:#E1B6EC }
```

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

Here you see how a box with a 4 pixel #E1B6EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E1B6EC; -webkit-box-shadow:4px 4px  
4px 4px #E1B6EC; box-shadow:4px 4px 4px  
4px #E1B6EC }
```

# Background

The CSS property to change the background color of an element to Hex E1B6EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E1B6EC }
```

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

```
.background{ background-color:#E1B6EC }
```

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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