

# Converting Colors

Hex(E2B1E7)

Have a look what the booklet for  
Hex(E2B1E7) contains.

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# **Color**

**Hex(E2B1E7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E2B1E7
RGB	226, 177, 231
RGB Percent	89%, 69%, 91%
CMY	0.1137, 0.3059, 0.0941
CMYK	0.02, 0.23, 0.00, 0.09
HSL	294°, 53%, 80%
HSV	294°, 23%, 91%
XYZ	61.5100, 53.3826, 82.6632
YIQ	197.8070, 11.8700, 27.1820

# Conversions

## Conversions Part 2

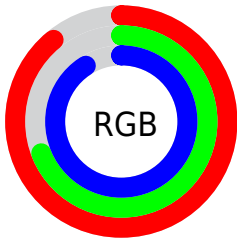
Format	Color
R <sub>Y</sub> B	226, 177, 231
Decimal	14856679
CIE Lab	78.10, 26.88, -20.21
CIE LCh	78, 33.631, 323.064
Yxy	53.3826, 0.3114, 0.2702
Android (android.graphics.Color)	4293046759 (0xFFE2B1E7)
YUV	197.8070, 16.3641, 24.7253
Hunter-Lab	73.0634, 22.4132, -15.9358

# Details

The Hex color **E2B1E7** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **B6E7B1**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **FFE9FF**, and **AA7CAF** is the 20% darker color. If you saturate the color by 10%, you get **E09AE7**, and if you desaturate by 10%, it is **E4C8E7**.

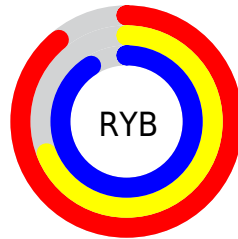
# Distribution



Red (89%)

Green (69%)

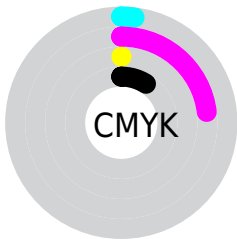
Blue (91%)



Red (89%)

Yellow (69%)

Blue (91%)

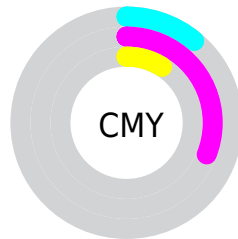


Cyan (2%)

Magenta (23%)

Yellow (0%)

Black (9%)



Cyan (11%)

Magenta (31%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E2B1E7 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 E2B1E7 by changing the saturation by 10% instead.



 E2B1E7

FFFFFF

 FFE9FF

 E2B1E7

 C696CB

 AA7CAF

 8F6395

 754A7B

 5C3362

 441C4A

 2C0633

 17001E

 000000

 E2B1E7

 E2B1E7

 E09AE7

 E4C8E7

 DE83E7

 E6DFE7

 DC6CE7

 E8F6E7

 D955E7

 EBF6E7

 D73EE7

 EDF6E7

 D526E7

 EFF6E7

 D30FE7

 F1FF6E7

 D200E7

 F3FF6E7

 F5FF6E7

# Harmonies

## Analogous

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



BBBCFA



E2B1E7



FAAACA

# Triad

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



E2B1E7



DEBD83



5DD2D8

# Complementary

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



E2B1E7



B6E7B1

# 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.



76D2B9



E2B1E7



BEC787

# Square

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



E2B1E7



F5B290



9ACE9B



65CEF2

# Rectangle

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



E2B1E7



FFAAB4



9ACE9B



63D2CE



# Sweetspot

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



E2B1E7



FDEDFD



B1B6E7



7F7580



000000



808080



# Same Dimension

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



E2B1E7



F8B8FF



E7B1D1



726773



A200B3



2E0033



# Inverse Universe

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



E7B1B6



FFB8BE



B1E7C7



736768



B30011

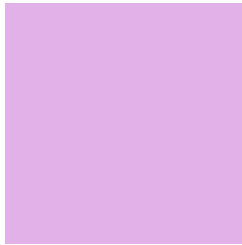


330005



# Previews

## White Background



This preview shows how the Hex color E2B1E7 looks on a white background.

## Color Contrast Check

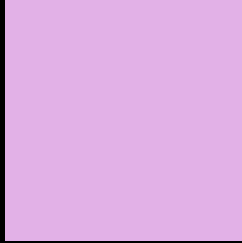
Large Text (above 18pt) WCAG AA × Fail

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 E2B1E7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

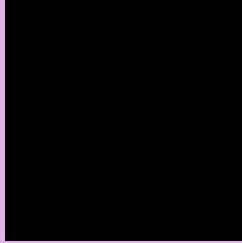
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E2B1E7 Background



This preview shows how black text looks on a background with the Hex color E2B1E7.

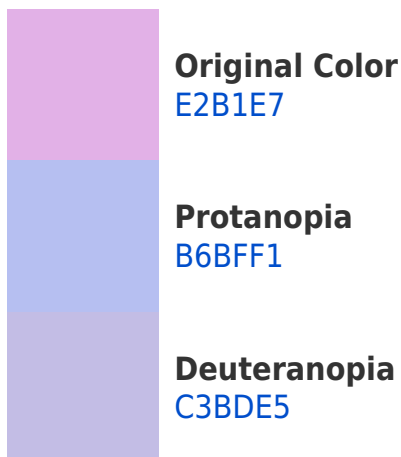


This preview shows how white text looks on a background with the Hex color E2B1E7.

# 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**  
DDB7C5

# Trichromacy



**Original Color**  
E2B1E7



**Protanomaly**  
C6BAED



**Deuteranomaly**  
CEB9E6

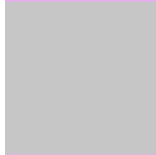


**Tritanomaly**  
DFB5D1

# Monochromacy



**Original Color**  
E2B1E7



**Achromatopsia**  
C6C6C6



**Achromatomaly**  
D0BED2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E2B1E7 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 #E2B1E7 looks like.

```
.text, #text, p{  
    color:#E2B1E7  
}
```

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 #E2B1E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2B1E7
}
```

## Border

The CSS property to change the border of an element to Hex E2B1E7 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
#E2B1E7 }
```

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

```
.border{ border-color:#E2B1E7 }
```

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

Here you see how a box with a 4 pixel #E2B1E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2B1E7; -webkit-box-shadow:4px 4px  
4px 4px #E2B1E7; box-shadow:4px 4px 4px  
4px #E2B1E7 }
```

# Background

The CSS property to change the background color of an element to Hex E2B1E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2B1E7 }
```

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

```
.background{ background-color:#E2B1E7 }
```

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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