

# Converting Colors

Hex(E4BBF0)

Have a look what the booklet for  
Hex(E4BBF0) contains.

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# **Color**

**Hex(E4BBF0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E4BBF0
RGB	228, 187, 240
RGB Percent	89%, 73%, 94%
CMY	0.1059, 0.2667, 0.0588
CMYK	0.05, 0.22, 0.00, 0.06
HSL	286°, 64%, 84%
HSV	286°, 22%, 94%
XYZ	65.4934, 58.3259, 90.2442
YIQ	205.3010, 7.4230, 25.1750

# Conversions

## Conversions Part 2

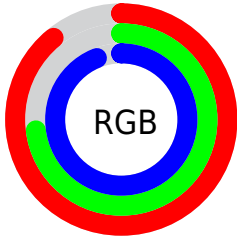
Format	Color
R <sub>Y</sub> B	228, 187, 240
Decimal	14990320
CIE Lab	80.92, 23.87, -20.76
CIE LCh	81, 31.638, 318.982
Yxy	58.3259, 0.3060, 0.2725
Android (android.graphics.Color)	4293180400 (0xFFE4BBF0)
YUV	205.3010, 17.1066, 19.9070
Hunter-Lab	76.3714, 19.4254, -16.6000

# Details

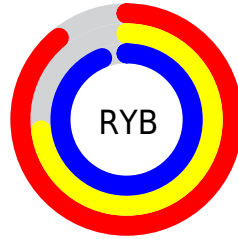
The Hex color **E4BBF0** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **C7F0BB**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **FFF3FF**, and **AC86B8** is the 20% darker color. If you saturate the color by 10%, you get **DFA3F0**, and if you desaturate by 10%, it is **E9D3F0**.

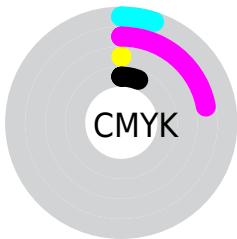
# Distribution



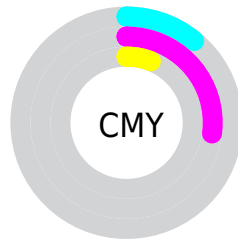
- Red (89%)
- Green (73%)
- Blue (94%)



- Red (89%)
- Yellow (73%)
- Blue (94%)



- Cyan (5%)
- Magenta (22%)
- Yellow (0%)
- Black (6%)



- Cyan (11%)
- Magenta (27%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E4BBF0 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 E4BBF0 by changing the saturation by 10% instead.



 E4BBF0

FFFFFF

 FFF3FF

 E4BBF0

 C8A0D4

 AC86B8

 916C9D

 775383

 5E3C69

 462551

 2E103A

 1D0025

 00000C

 E4BBF0

 E4BBF0

 DFA3F0

 E9D3F0

 D98BF0

 EFEBF0

 D473F0

 F4FFF0

 CE5BF0

 FAFFF0

 C943F0

 FFFFF0

 C32BF0

 BE13F0

 BA00F0

# Harmonies

## Analogous

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



BEC5FF



E4BBF0



FDB4D5

# Triad

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



E4BBF0



E8C38F



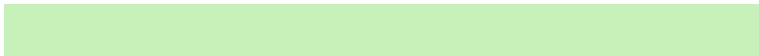
70D9DB

# Complementary

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



E4BBF0



C7F0BB

# 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.



88D9BD



E4BBF0



CBCD91

# Square

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



E4BBF0



FDBA9D



A9D4A1



73D6F5

# Rectangle

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



E4BBF0



FFB3C1



A9D4A1



76D9D1



# Sweetspot

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



E4BBF0



FBEDFF



BBC7F0



7D7580



000000



808080



# Same Dimension

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



E4BBF0



EFBAFF



F0BBE2



756C78



8E00B8



2B0038



# Inverse Universe

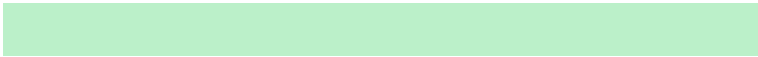
The Inverse Universe completely reimagines the original color for something new.



F0BBC7



FFBACA



BBF0C9



786C6F



B8002A

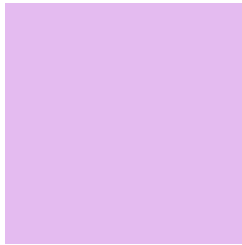


38000D



# Previews

## White Background



This preview shows how the Hex color E4BBF0 looks on a white background.

## Color Contrast Check

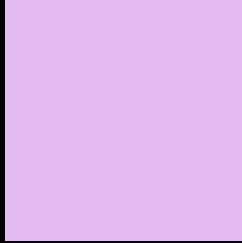
Large Text (above 18pt) WCAG AA × Fail

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 E4BBF0 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 E4BBF0 Background



This preview shows how black text looks on a background with the Hex color E4BBF0.

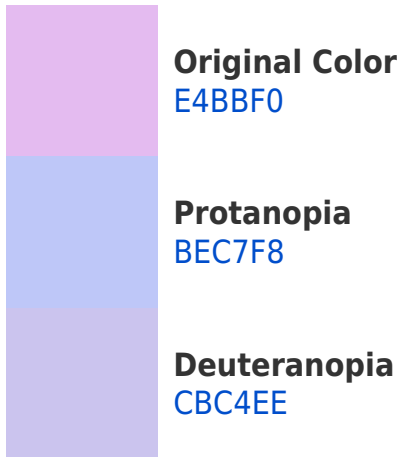


This preview shows how white text looks on a background with the Hex color E4BBF0.

# 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**  
DFC1D0

# Trichromacy



**Original Color**  
E4BBF0

**Protanomaly**  
CCC3F5

**Deuteranomaly**  
D4C1EF

**Tritanomaly**  
E1BFDC

# Monochromacy



**Original Color**  
E4BBF0

**Achromatopsia**  
CDCDCD

**Achromatomaly**  
D5C6DA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E4BBF0 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 #E4BBF0 looks like.

```
.text, #text, p{  
    color:#E4BBF0  
}
```

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 #E4BBF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E4BBF0
}
```

## Border

The CSS property to change the border of an element to Hex E4BBF0 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
#E4BBF0 }
```

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

```
.border{ border-color:#E4BBF0 }
```

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

Here you see how a box with a 4 pixel #E4BBF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E4BBF0; -webkit-box-shadow:4px 4px  
4px 4px #E4BBF0; box-shadow:4px 4px 4px  
4px #E4BBF0 }
```

# Background

The CSS property to change the background color of an element to Hex E4BBF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E4BBF0 }
```

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

```
.background{ background-color:#E4BBF0 }
```

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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