

# Converting Colors

Hex(E4BEF3)

Have a look what the booklet for  
Hex(E4BEF3) contains.

<b>Hex(E4BEF3)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(E4BEF3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E4BEF3
RGB	228, 190, 243
RGB Percent	89%, 75%, 95%
CMY	0.1059, 0.2549, 0.0471
CMYK	0.06, 0.22, 0.00, 0.05
HSL	283°, 69%, 85%
HSV	283°, 22%, 95%
XYZ	66.5860, 59.7920, 92.8256
YIQ	207.4040, 5.6350, 24.5390

# Conversions

## Conversions Part 2

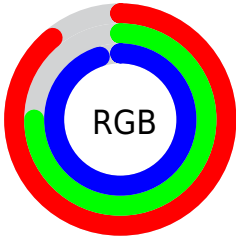
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">228, 190, 243</a>
Decimal	<a href="#">14991091</a>
CIELab	<a href="#">81.72, 22.84, -21.15</a>
CIElCh	<a href="#">82, 31.130, 317.203</a>
Yxy	<a href="#">59.7920, 0.3038, 0.2728</a>
Android (android.graphics.Color)	<a href="#">4293181171 (0xFFE4BEF3)</a>
YUV	<a href="#">207.4040, 17.5488, 18.0627</a>
Hunter-Lab	<a href="#">77.3253, 18.3900, -17.0473</a>

# Details

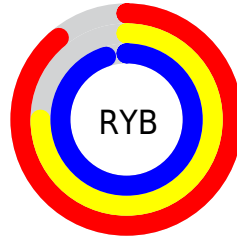
The Hex color **E4BEF3** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **CDF3BE**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **FFF6FF**, and **AC88BB** is the 20% darker color. If you saturate the color by 10%, you get **DDA6F3**, and if you desaturate by 10%, it is **EBD6F3**.

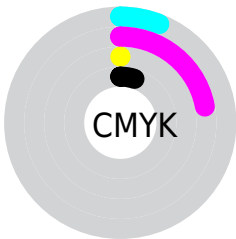
# Distribution



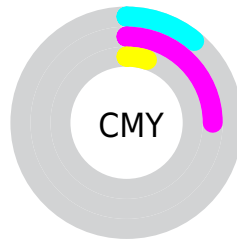
- Red (89%)
- Green (75%)
- Blue (95%)



- Red (89%)
- Yellow (75%)
- Blue (95%)



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



- Cyan (11%)
- Magenta (25%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E4BEF3 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 E4BEF3 by changing the saturation by 10% instead.



 E4BEF3


FFFFFF

 FFF6FF

 E4BEF3

 C8A3D7

 AC88BB

 916FA0

 775685

 5E3E6C

 462854

 2E123C

 1C0027

 000110

 E4BEF3

 E4BEF3

 DDA6F3

 EBD6F3

 D68DF3

 F2EFF3

 CF75F3

 F9FFF3

 C85DF3

 FFFFF3

 C244F3

 BB2CF3

 B414F3

 AE00F3

# Harmonies

## Analogous

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



BEC8FF



E4BEF3



FDB7D9

# Triad

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



E4BEF3



ECC593



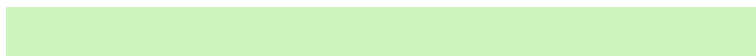
75DBDB

# Complementary

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



E4BEF3



CDF3BE

# 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.



8DDBBD



E4BEF3



CFCF93

# Square

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



E4BEF3



FFBCA2



AED6A3



77D8F5

# Rectangle

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



E4BEF3



FFB6C5



AED6A3



7BDCD1



# Sweetspot

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



E4BEF3



FAEDFF



BECDF3



7D7580



000000



808080



# Same Dimension

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



E4BEF3



ECBDFE



F3BEE8



776E7A



8500BA



2A003B



# Inverse Universe

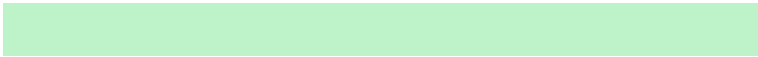
The Inverse Universe completely reimagines the original color for something new.



F3BECD



FFBDCF



BEF3C9



7A6E72



BA0035



3B0011



# Previews

## White Background



This preview shows how the Hex color E4BEF3 looks on a white background.

## Color Contrast Check

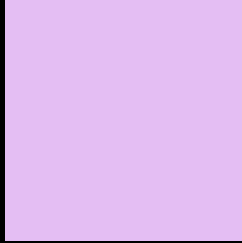
Large Text (above 18pt) WCAG AA × Fail

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 E4BEF3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

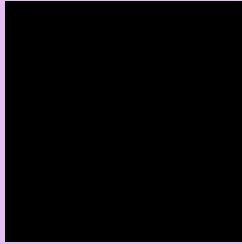
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E4BEF3 Background



This preview shows how black text looks on a background with the Hex color E4BEF3.

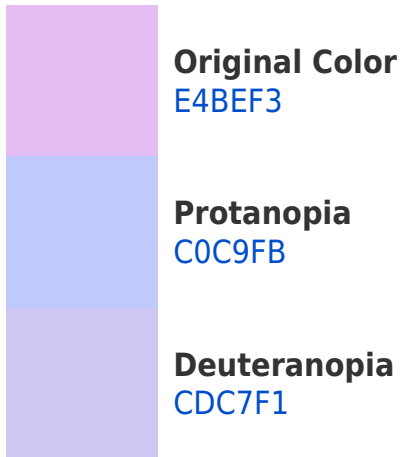


This preview shows how white text looks on a background with the Hex color E4BEF3.

# 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**  
DFC4D3

# Trichromacy



**Original Color**  
E4BEF3

**Protanomaly**  
CDC5F8

**Deuteranomaly**  
D5C4F2

**Tritanomaly**  
E1C2DF

# Monochromacy



**Original Color**  
E4BEF3

**Achromatopsia**  
CFCFCF

**Achromatomaly**  
D7C9DC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E4BEF3 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 #E4BEF3 looks like.

```
.text, #text, p{  
    color:#E4BEF3  
}
```

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 #E4BEF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E4BEF3
}
```

## Border

The CSS property to change the border of an element to Hex E4BEF3 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
#E4BEF3 }
```

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

```
.border{ border-color:#E4BEF3 }
```

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

Here you see how a box with a 4 pixel #E4BEF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E4BEF3; -webkit-box-shadow:4px 4px  
4px 4px #E4BEF3; box-shadow:4px 4px 4px  
4px #E4BEF3 }
```

# Background

The CSS property to change the background color of an element to Hex E4BEF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E4BEF3 }
```

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

```
.background{ background-color:#E4BEF3 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor