

Converting Colors

Hex(E4BEE8)

Have a look what the booklet for
Hex(E4BEE8) contains.

Hex(E4BEE8)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E4BEE8)

Conversions

Conversions Part 1

Format	Color
Hex	E4BEE8
RGB	228, 190, 232
RGB Percent	89%, 75%, 91%
CMY	0.1059, 0.2549, 0.0902
CMYK	0.02, 0.18, 0.00, 0.09
HSL	294°, 48%, 83%
HSV	294°, 18%, 91%
XYZ	64.9739, 59.1471, 84.3360
YIQ	206.1500, 9.1660, 21.1180

Conversions

Conversions Part 2

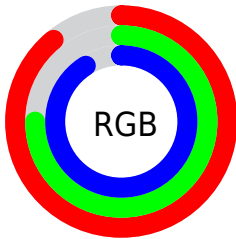
Format	Color
R _Y B	228, 190, 232
Decimal	14991080
CIE Lab	81.37, 20.75, -15.79
CIE LCh	81, 26.074, 322.727
Yxy	59.1471, 0.3117, 0.2837
Android (android.graphics.Color)	4293181160 (0xFFE4BEE8)
YUV	206.1500, 12.7440, 19.1624
Hunter-Lab	76.9071, 16.2156, -11.1821

Details

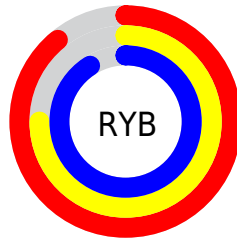
The Hex color **E4BEE8** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **C2E8BE**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **FFF6FF**, and **AC88B0** is the 20% darker color. If you saturate the color by 10%, you get **E2A7E8**, and if you desaturate by 10%, it is **E6D5E8**.

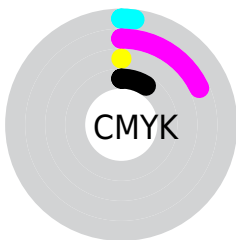
Distribution



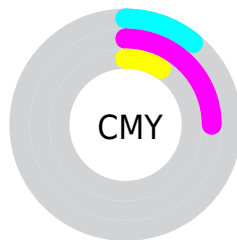
- Red (89%)
- Green (75%)
- Blue (91%)



- Red (89%)
- Yellow (75%)
- Blue (91%)



- Cyan (2%)
- Magenta (18%)
- Yellow (0%)
- Black (9%)



- Cyan (11%)
- Magenta (25%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color E4BEE8 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 E4BEE8 by changing the saturation by 10% instead.

 E4BEE8

FFFFFF

 FFF6FF

 E4BEE8

 C8A3CC

 AC88B0

 916F96

 77567C

 5E3F63

 46284B

 2F1334

 1D001F

 000002

 E4BEE8

 E4BEE8

 E2A7E8

 E6D5E8

 E090E8

 E8ECE8

 DD78E8

 EBFFE8

 DB61E8

 EDFFE8

 D94AE8

 EFFF E8

 D733E8

 F1FFE8

 D51CE8

 F3FFE8

 D204E8

 F6FFE8

 D200E8

 F8FFE8

Harmonies

Analogous

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



C6C6F7



E4BEE8



F7B9D1

Triad

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



E4BEE8



E2C79A



85D8DC

Complementary

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



E4BEE8



C2E8BE

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.



93D8C3



E4BEE8



C9CE9D

Square

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



E4BEE8



F5BFA4



ADD4AC



8BD5F0

Rectangle

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



E4BEE8



FCB9C0



ADD4AC



88D8D4

Sweetspot

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



E4BEE8



FEF2FF



BEC2E8



7F7880



000000



808080

Same Dimension

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



E4BEE8



FAC7FF



E8BED7



726773



A200B3



2E0033

Inverse Universe

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



E8BEC2



FFC7CC



BEE8CF



736768



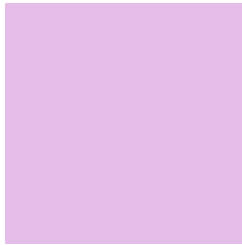
B30011



330005

Previews

White Background



This preview shows how the Hex color E4BEE8 looks on a white background.

Color Contrast Check

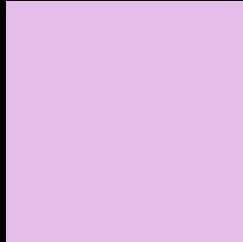
Large Text (above 18pt) WCAG AA × Fail

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 E4BEE8 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 E4BEE8 Background



This preview shows how black text looks on a background with the Hex color E4BEE8.

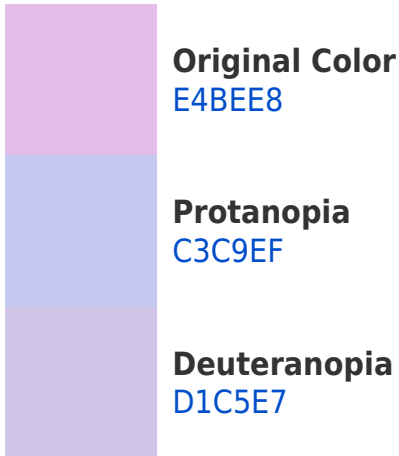


This preview shows how white text looks on a background with the Hex color E4BEE8.

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
E1C2D1

Trichromacy



Original Color
E4BEE8

Protanomaly
CFC5EC

Deuteranomaly
D8C2E7

Tritanomaly
E2C1D9

Monochromacy



Original Color
E4BEE8

Achromatopsia
CECECE

Achromatomaly
D6C8D7

CSS Examples

Text

The CSS property to change the color of the text to Hex E4BEE8 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 #E4BEE8 looks like.

```
.text, #text, p{  
    color:#E4BEE8  
}
```

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 #E4BEE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E4BEE8 }  
}
```

Border

The CSS property to change the border of an element to Hex E4BEE8 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 #E4BEE8 }  
}
```

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

```
.border{ border-color:#E4BEE8 }
```

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

Here you see how a box with a 4 pixel #E4BEE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E4BEE8; -webkit-box-shadow:4px 4px  
4px 4px #E4BEE8; box-shadow:4px 4px 4px  
4px #E4BEE8 }
```

Background

The CSS property to change the background color of an element to Hex E4BEE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E4BEE8 }
```

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

```
.background{ background-color:#E4BEE8 }
```

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