

# Converting Colors

Hex(E4D8EB)

Have a look what the booklet for  
Hex(E4D8EB) contains.

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# **Color**

**Hex(E4D8EB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E4D8EB
RGB	228, 216, 235
RGB Percent	89%, 85%, 92%
CMY	0.1059, 0.1529, 0.0784
CMYK	0.03, 0.08, 0.00, 0.08
HSL	278°, 32%, 88%
HSV	278°, 8%, 92%
XYZ	71.5462, 71.6039, 88.6473
YIQ	221.7540, 1.0530, 8.4530

# Conversions

## Conversions Part 2

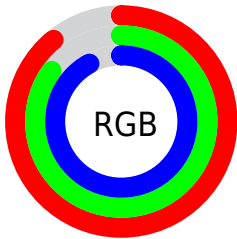
Format	Color
R <sub>Y</sub> B	228, 216, 235
Decimal	14997739
CIE Lab	87.78, 7.52, -7.83
CIE LCh	88, 10.850, 313.848
Yxy	71.6039, 0.3087, 0.3089
Android (android.graphics.Color)	4293187819 (0xFFE4D8EB)
YUV	221.7540, 6.5303, 5.4777
Hunter-Lab	84.6191, 2.8399, -2.8791

# Details

The Hex color **E4D8EB** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **DFEBD8**, and the grayscale version is **DEDEDE**.

A 20% lighter version of the original color is **FFFFFF**, and **ADA1B3** is the 20% darker color. If you saturate the color by 10%, you get **DBC1EB**, and if you desaturate by 10%, it is **EDF0EB**.

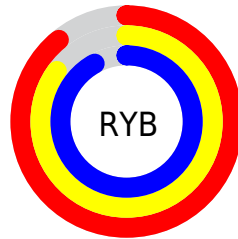
# Distribution



Red (89%)

Green (85%)

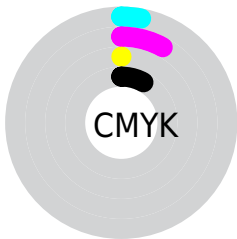
Blue (92%)



Red (89%)

Yellow (85%)

Blue (92%)

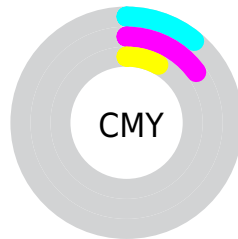


Cyan (3%)

Magenta (8%)

Yellow (0%)

Black (8%)



Cyan (11%)

Magenta (15%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E4D8EB 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 E4D8EB by changing the saturation by 10% instead.



 E4D8EB

FFFFFF

 E4D8EB

 C8BCCF

 ADA1B3

 928799

 786E7F

 5F5566

 483E4E

 312837

 1C1421

 00000A

 E4D8EB

 E4D8EB

 DBC1EB

 EDF0EB

 D3A9EB

 F5FFEB

 CA92EB

 FEFFEB

 C17AEB

 FFFFEB

 B962EB

 B04BEB

 A734EB

 9F1CEB

 9604EB

# Harmonies

## Analogous

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



D7DBF0



E4D8EB



EED6E2

# Triad

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



E4D8EB



EAD9C9



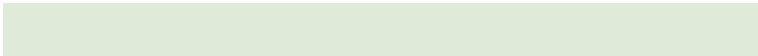
C3E2E1

# Complementary

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



E4D8EB



DFEBD8

# Split Complementary

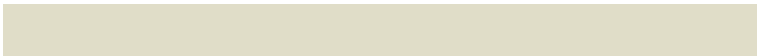
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



C9E2D6



E4D8EB



E0DDC8

# Square

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



E4D8EB



F1D7CE



D4E0CD



C4E1EA

# Rectangle

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



E4D8EB



F2D5DB



D4E0CD



C4E2DD

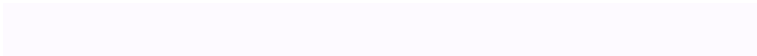


# Sweetspot

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



E4D8EB



FDFAFF



D8DFEB



7F7D80



000000



808080



# Same Dimension

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



E4D8EB



F6E6FF



EBD8E9



716A75



7200B5



220036



# Inverse Universe

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



EBD8DF



FFE6EF



D8EBDA



756A6E



B50043

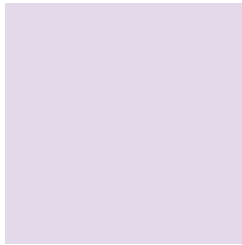


360014



# Previews

## White Background



This preview shows how the Hex color E4D8EB looks on a white background.

## Color Contrast Check

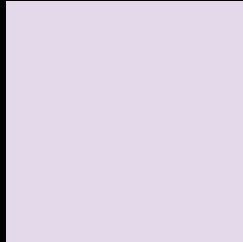
Large Text (above 18pt) WCAG AA × Fail

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 E4D8EB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

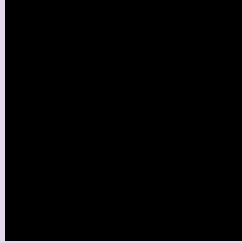
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

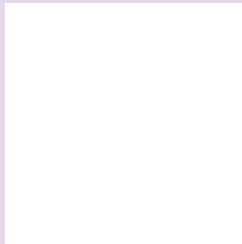
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E4D8EB Background



This preview shows how black text looks on a background with the Hex color E4D8EB.

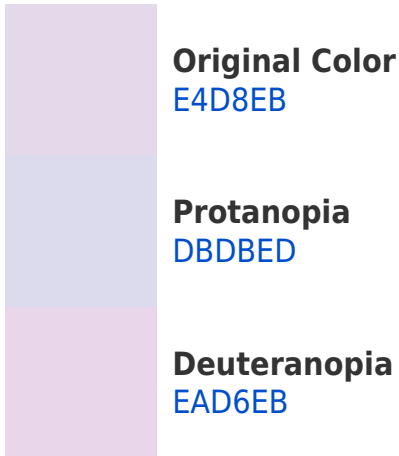


This preview shows how white text looks on a background with the Hex color E4D8EB.

# 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](#).

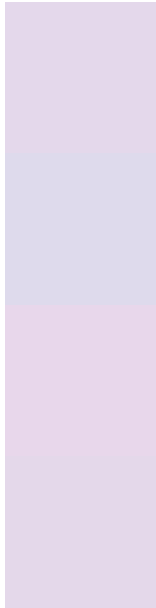
## Dichromacy





**Tritanopia**  
E4D8E9

# Trichromacy



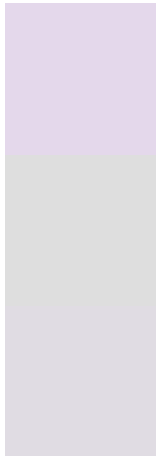
**Original Color**  
E4D8EB

**Protanomaly**  
DEDAEC

**Deuteranomaly**  
E8D7EB

**Tritanomaly**  
E4D8EA

# Monochromacy



**Original Color**  
E4D8EB

**Achromatopsia**  
DEDEDE

**Achromatomaly**  
E0DCE3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E4D8EB 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 #E4D8EB looks like.

```
.text, #text, p{  
    color:#E4D8EB  
}
```

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 #E4D8EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E4D8EB
}
```

## Border

The CSS property to change the border of an element to Hex E4D8EB 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
#E4D8EB }
```

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

```
.border{ border-color:#E4D8EB }
```

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

Here you see how a box with a 4 pixel #E4D8EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E4D8EB; -webkit-box-shadow:4px 4px  
4px 4px #E4D8EB; box-shadow:4px 4px 4px  
4px #E4D8EB }
```

# Background

The CSS property to change the background color of an element to Hex E4D8EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E4D8EB }
```

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

```
.background{ background-color:#E4D8EB }
```

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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