

# Converting Colors

Hex(E4DBED)

Have a look what the booklet for  
Hex(E4DBED) contains.

<b>Hex(E4DBED)</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(E4DBED)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E4DBED
RGB	228, 219, 237
RGB Percent	89%, 86%, 93%
CMY	0.1059, 0.1412, 0.0706
CMYK	0.04, 0.08, 0.00, 0.07
HSL	270°, 33%, 89%
HSV	270°, 8%, 93%
XYZ	72.6125, 73.2714, 90.4365
YIQ	223.7430, -0.4140, 7.5060

# Conversions

## Conversions Part 2

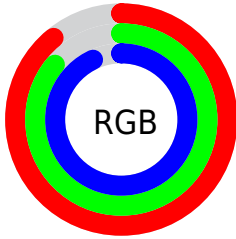
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	228, 219, 237
Decimal	14998509
CIE Lab	88.58, 6.32, -7.69
CIE LCh	89, 9.957, 309.394
Yxy	73.2714, 0.3073, 0.3101
Android (android.graphics.Color)	4293188589 (0xFFE4DBED)
YUV	223.7430, 6.5357, 3.7334
Hunter-Lab	85.5987, 1.6218, -2.7217

# Details

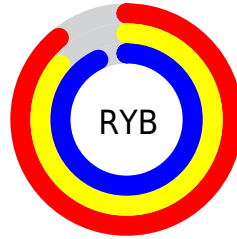
The Hex color **E4DBED** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E4EDDB**, and the grayscale version is **E0E0E0**.

A 20% lighter version of the original color is **FFFFFF**, and **ADA4B5** is the 20% darker color. If you saturate the color by 10%, you get **D8C3ED**, and if you desaturate by 10%, it is **F0F3ED**.

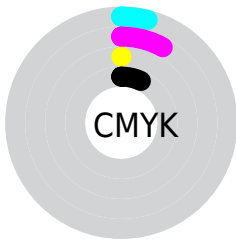
# Distribution



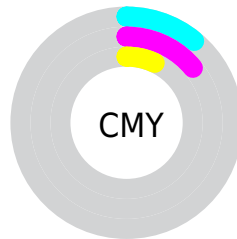
- Red (89%)
- Green (86%)
- Blue (93%)



- Red (89%)
- Yellow (86%)
- Blue (93%)



- Cyan (4%)
- Magenta (8%)
- Yellow (0%)
- Black (7%)



- Cyan (11%)
- Magenta (14%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E4DBED 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 E4DBED by changing the saturation by 10% instead.



 E4DBED

FFFFFF

 E4DBED

 C8BFD1

 ADA4B5

 928A9A

 787080

 5F5867

 48414F

 312B38

 1C1623

 00000D

 E4DBED

 E4DBED

 D8C3ED

 F0F3ED

 CCACED

 FCFFED


 C094ED

 FFFFED

 B57CED

 A964ED

 9D4DED

 9135ED

 851DED

 7906ED

# Harmonies

## Analogous

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



D8DEF1



E4DBED



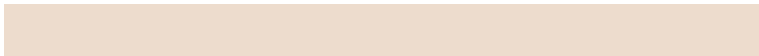
EED9E5

# Triad

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



E4DBED



EDDCCD



C8E4E1

# Complementary

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



E4DBED



E4EDDB

# Split Complementary

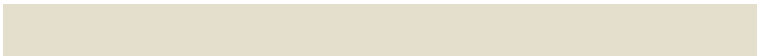
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



CEE3D7



E4DBED



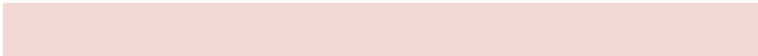
E3DFCC

# Square

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



E4DBED



F2D9D3



D8E1D0



C8E3EA

# Rectangle

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



E4DBED



F2D8DF



D8E1D0



C9E4DE

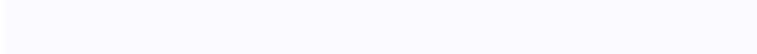


# Sweetspot

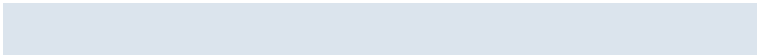
The Sweet Spot groups the original color and five complimentary colors.



E4DBED



FCFAFF



DBE4ED



7E7D80



000000



808080



# Same Dimension

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



E4DBED



F4E8FF



EDDBED



6F6A75



5B00B5



1B0036



# Inverse Universe

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



EDDBE4



FFE8F4



DBEDDB



756A6F



B5005B

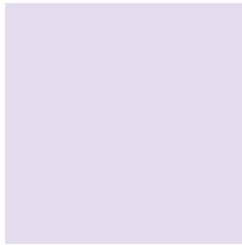


36001B



# Previews

## White Background



This preview shows how the Hex color E4DBED looks on a white background.

## Color Contrast Check

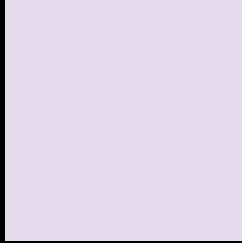
Large Text (above 18pt) WCAG AA × Fail

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 E4DBED looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

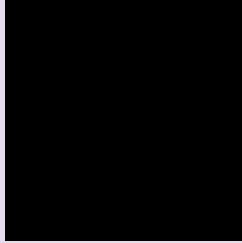
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

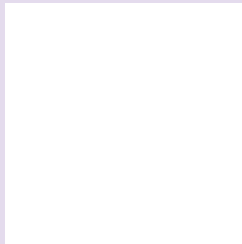
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E4DBED Background



This preview shows how black text looks on a background with the Hex color E4DBED.

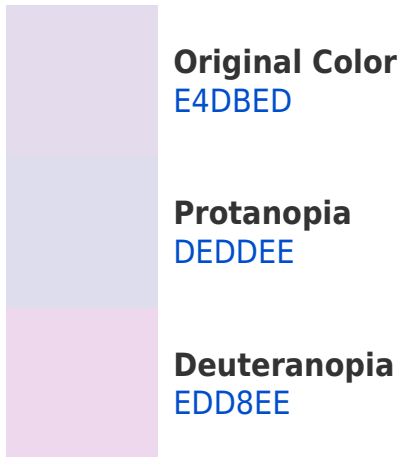


This preview shows how white text looks on a background with the Hex color E4DBED.

# 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](#).

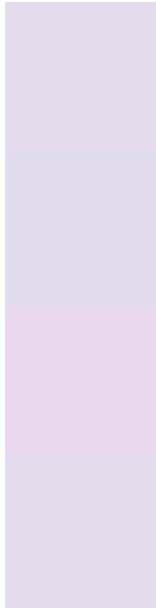
## Dichromacy





**Tritanopia**  
E4DBEC

# Trichromacy



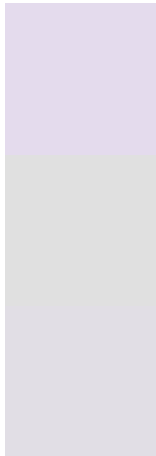
**Original Color**  
E4DBED

**Protanomaly**  
E0DCEE

**Deuteranomaly**  
EAD9EE

**Tritanomaly**  
E4DBEC

# Monochromacy



**Original Color**  
E4DBED

**Achromatopsia**  
E0E0E0

**Achromatomaly**  
E1DEE5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E4DBED 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 #E4DBED looks like.

```
.text, #text, p{  
    color:#E4DBED  
}
```

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 #E4DBED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E4DBED
}
```

## Border

The CSS property to change the border of an element to Hex E4DBED 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
#E4DBED }
```

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

```
.border{ border-color:#E4DBED }
```

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

Here you see how a box with a 4 pixel #E4DBED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E4DBED; -webkit-box-shadow:4px 4px  
4px 4px #E4DBED; box-shadow:4px 4px 4px  
4px #E4DBED }
```

# Background

The CSS property to change the background color of an element to Hex E4DBED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E4DBED }
```

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

```
.background{ background-color:#E4DBED }
```

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