

# Converting Colors

Hex(E8DEEA)

Have a look what the booklet for  
Hex(E8DEEA) contains.

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# **Color**

**Hex(E8DEEA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E8DEEA
RGB	232, 222, 234
RGB Percent	91%, 87%, 92%
CMY	0.0902, 0.1294, 0.0824
CMYK	0.01, 0.05, 0.00, 0.08
HSL	290°, 22%, 89%
HSV	290°, 5%, 92%
XYZ	74.2513, 75.3389, 88.4703
YIQ	226.3580, 2.1080, 5.8520

# Conversions

## Conversions Part 2

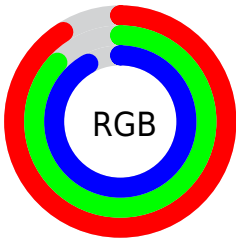
Format	Color
R <sub>Y</sub> B	232, 222, 234
Decimal	15261418
CIE Lab	89.55, 5.53, -4.64
CIE LCh	90, 7.222, 319.998
Yxy	75.3389, 0.3119, 0.3165
Android (android.graphics.Color)	4293451498 (0xFFE8DEEA)
YUV	226.3580, 3.7675, 4.9480
Hunter-Lab	86.7980, 0.8013, 0.3262

# Details

The Hex color **E8DEEA** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E0EADE**, and the grayscale version is **E2E2E2**.

A 20% lighter version of the original color is **FFFFFF**, and **B0A7B2** is the 20% darker color. If you saturate the color by 10%, you get **E4C7EA**, and if you desaturate by 10%, it is **ECF5EA**.

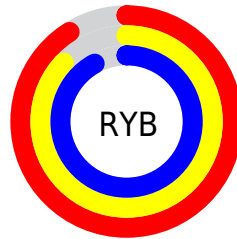
# Distribution



Red (91%)

Green (87%)

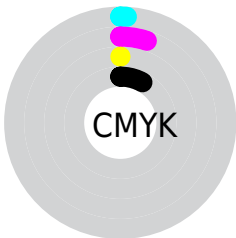
Blue (92%)



Red (91%)

Yellow (87%)

Blue (92%)

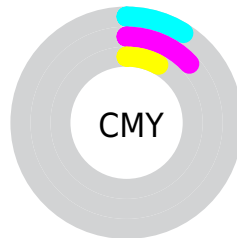


Cyan (1%)

Magenta (5%)

Yellow (0%)

Black (8%)



Cyan (9%)

Magenta (13%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E8DEEA 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 E8DEEA by changing the saturation by 10% instead.



 E8DEEA

FFFFFF

 E8DEEA

 CCC2CE

 B0A7B2

 968D98

 7C737E

 635A65

 4B434D

 342D36

 1F1821

 05000A

 E8DEEA

 E8DEEA

 E4C7EA

 ECF5EA

 E0AFEA

 F0FFEA

 DC98EA

 F4FFEA

 D880EA

 F8FFEA

 D569EA

 FBFFEA

 D152EA

 FFFFEA

 CD3AEA

 C923EA

 C50BEA

# Harmonies

## Analogous

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



E0E0EE



E8DEEA



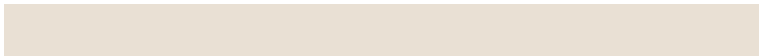
EEDDE4

# Triad

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



E8DEEA



E9E0D4



D1E5E5

# Complementary

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



E8DEEA



E0EADE

# 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.



D3E5DE



E8DEEA



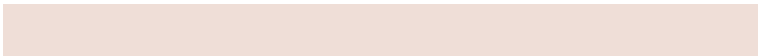
E2E2D4

# Square

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



E8DEEA



EFDED7



DAE4D8



D2E4EB

# Rectangle

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



E8DEEA



F0DDDF



DAE4D8



D1E5E3



# Sweetspot

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



E8DEEA



FEFAFF



DEE0EA



7F7D80



000000



808080



# Same Dimension

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



E8DEEA



FCF0FF



EADEE6



746D75



9700B5



2D0036

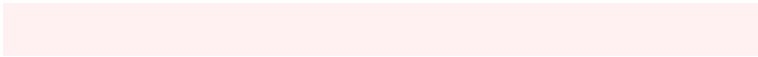


# Inverse Universe

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



EADEE0



FFF0F2



DEEAE2



756D6E



B5001E

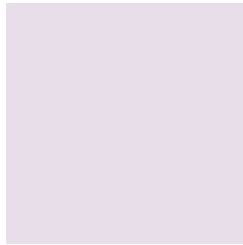


360009



# Previews

## White Background



This preview shows how the Hex color E8DEEA looks on a white background.

## Color Contrast Check

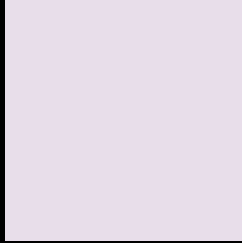
Large Text (above 18pt) WCAG AA × Fail

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 E8DEEA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

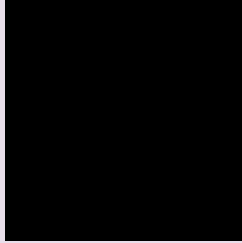
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

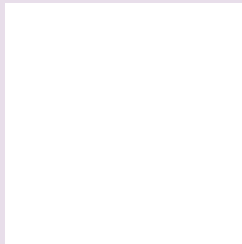
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E8DEEA Background



This preview shows how black text looks on a background with the Hex color E8DEEA.



This preview shows how white text looks on a background with the Hex color E8DEEA.

# 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](#).

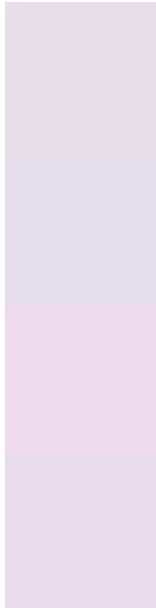
## Dichromacy





**Tritanopia**  
E9DDEF

# Trichromacy



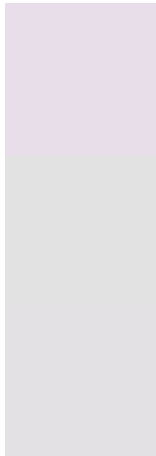
**Original Color**  
E8DEEA

**Protanomaly**  
E4DFEB

**Deuteranomaly**  
EEDBEB

**Tritanomaly**  
E9DDED

# Monochromacy



**Original Color**  
E8DEEA

**Achromatopsia**  
E2E2E2

**Achromatomaly**  
E4E1E5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E8DEEA 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 #E8DEEA looks like.

```
.text, #text, p{  
    color:#E8DEEA  
}
```

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 #E8DEEA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E8DEEA
}
```

## Border

The CSS property to change the border of an element to Hex E8DEEA 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
#E8DEEA }
```

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

```
.border{ border-color:#E8DEEA }
```

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

Here you see how a box with a 4 pixel #E8DEEA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E8DEEA; -webkit-box-shadow:4px 4px  
4px 4px #E8DEEA; box-shadow:4px 4px 4px  
4px #E8DEEA }
```

# Background

The CSS property to change the background color of an element to Hex E8DEEA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E8DEEA }
```

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

```
.background{ background-color:#E8DEEA }
```

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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