

# Converting Colors

Hex(DE8ECE)

Have a look what the booklet for  
Hex(DE8ECE) contains.

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# Color

**Hex(DE8ECE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DE8ECE
RGB	222, 142, 206
RGB Percent	87%, 56%, 81%
CMY	0.1294, 0.4431, 0.1922
CMYK	0.00, 0.36, 0.07, 0.13
HSL	312°, 55%, 71%
HSV	312°, 36%, 87%
XYZ	50.9378, 39.3318, 63.2996
YIQ	173.2160, 27.1360, 36.8640

# Conversions

## Conversions Part 2

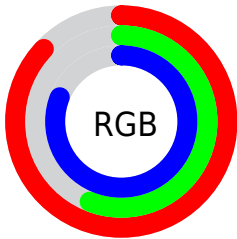
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	222, 142, 206
Decimal	14585550
CIE Lab	68.99, 39.79, -20.38
CIE LCh	69, 44.712, 332.877
Yxy	39.3318, 0.3317, 0.2561
Android (android.graphics.Color)	4292775630 (0xFFDE8ECE)
YUV	173.2160, 16.1625, 42.7836
Hunter-Lab	62.7151, 35.2279, -15.9420

# Details

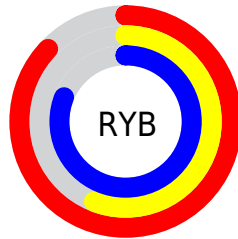
The Hex color **DE8ECE** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **8EDE9E**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFC5FF**, and **A65A98** is the 20% darker color. If you saturate the color by 10%, you get **DE78CA**, and if you desaturate by 10%, it is **DEA4D2**.

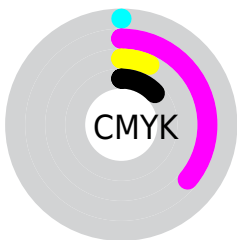
# Distribution



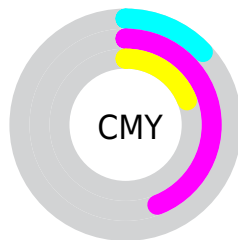
- Red (87%)
- Green (56%)
- Blue (81%)



- Red (87%)
- Yellow (56%)
- Blue (81%)



- Cyan (0%)
- Magenta (36%)
- Yellow (7%)
- Black (13%)



- Cyan (13%)
- Magenta (44%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DE8ECE 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 DE8ECE by changing the saturation by 10% instead.



 DE8ECE

 DE8ECE

FFFFFF

 C174B2

 FFC5FF

 A65A98

 FFE1FF

 8A417E

FFFEFF

 702764

 560B4C

 3D0035

 280020

 000003

 000000

 DE8ECE

 DE8ECE

 DE78CA

 DEA4D2

 DE62C5

 DEBAD7

 DE4BC1

 DED1DB

 DE35BC

 DEE7E0

 DE1FB8

 DEFDE4

 DE09B3

 DEFFE9

 DE00B2

 DEFFED

 DEFFF2

 DEFFF6

# Harmonies

## Analogous

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



B19CEC



DE8ECE



F487A6

# Triad

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



DE8ECE



BEA756



00BCD3

# Complementary

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



DE8ECE



8EDE9E

# 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.



00BDAB



DE8ECE



93B362

# Square

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



DE8ECE



DF9961



60BA82



00B6F0

# Rectangle

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



DE8ECE



F5898B



60BA82



00BDC7



# Sweetspot

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



DE8ECE



FFE3F9



9E8EDE



806F7C



000000



808080



# Same Dimension

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



DE8ECE



FF91E9



DE8EA6



70656E



B0008D



300027



# Inverse Universe

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



DE8ECE



FF91E9



8EDEC6



70656E



B0008D

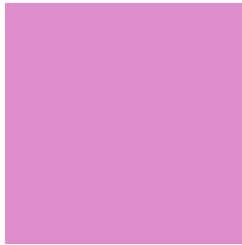


300027



# Previews

## White Background



This preview shows how the Hex color DE8ECE looks on a white background.

## Color Contrast Check

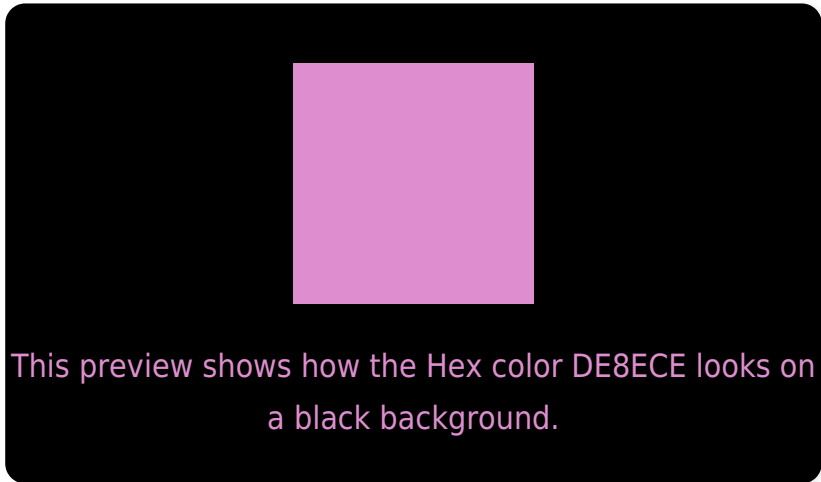
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

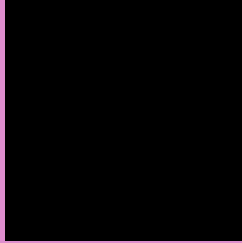
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DE8ECE Background



This preview shows how black text looks on a background with the Hex color DE8ECE.

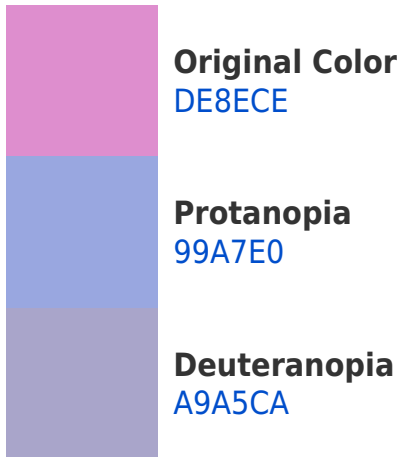


This preview shows how white text looks on a background with the Hex color DE8ECE.

# 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](#).

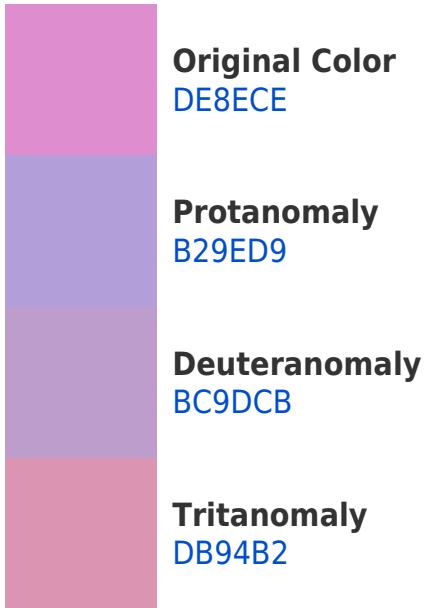
## Dichromacy



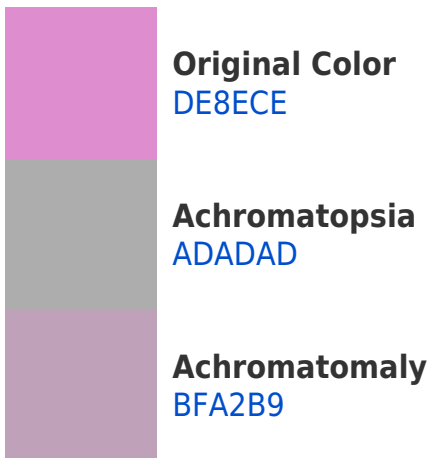


**Tritanopia**  
D997A2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DE8ECE 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 #DE8ECE looks like.

```
.text, #text, p{  
    color:#DE8ECE  
}
```

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 #DE8ECE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE8ECE
}
```

## Border

The CSS property to change the border of an element to Hex DE8ECE 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
#DE8ECE }
```

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

```
.border{ border-color:#DE8ECE }
```

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

Here you see how a box with a 4 pixel #DE8ECE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE8ECE; -webkit-box-shadow:4px 4px  
4px 4px #DE8ECE; box-shadow:4px 4px 4px  
4px #DE8ECE }
```

# Background

The CSS property to change the background color of an element to Hex DE8ECE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE8ECE }
```

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

```
.background{ background-color:#DE8ECE }
```

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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