

# Converting Colors

Hex(E9DBEE)

Have a look what the booklet for  
Hex(E9DBEE) contains.

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# **Color**

**Hex(E9DBEE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E9DBEE
RGB	233, 219, 238
RGB Percent	91%, 86%, 93%
CMY	0.0863, 0.1412, 0.0667
CMYK	0.02, 0.08, 0.00, 0.07
HSL	284°, 36%, 90%
HSV	284°, 8%, 93%
XYZ	74.3684, 74.1597, 91.2835
YIQ	225.3520, 2.2450, 8.8770

# Conversions

## Conversions Part 2

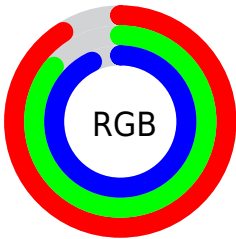
Format	Color
R <sub>Y</sub> B	233, 219, 238
Decimal	15326190
CIE Lab	89.00, 8.16, -7.55
CIE LCh	89, 11.120, 317.208
Yxy	74.1597, 0.3101, 0.3092
Android (android.graphics.Color)	4293516270 (0xFFE9DBEE)
YUV	225.3520, 6.2355, 6.7073
Hunter-Lab	86.1160, 3.4466, -2.5665

# Details

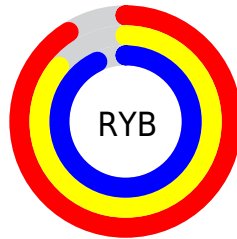
The Hex color **E9DBEE** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E0EEDB**, and the grayscale version is **E1E1E1**.

A 20% lighter version of the original color is **FFFFFF**, and **B1A4B6** is the 20% darker color. If you saturate the color by 10%, you get **E3C3EE**, and if you desaturate by 10%, it is **EFF3EE**.

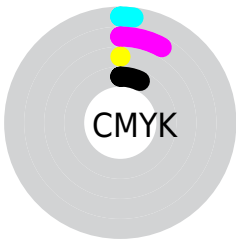
# Distribution



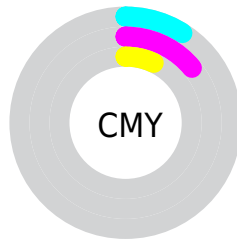
- Red (91%)
- Green (86%)
- Blue (93%)



- Red (91%)
- Yellow (86%)
- Blue (93%)



- Cyan (2%)
- Magenta (8%)
- Yellow (0%)
- Black (7%)



- Cyan (9%)
- Magenta (14%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E9DBEE 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 E9DBEE by changing the saturation by 10% instead.



 E9DBEE

FFFFFF

 E9DBEE

 CDBFD2

 B1A4B6

 978A9B

 7D7081

 645868

 4C4150

 352B39

 201624

 03000E

 E9DBEE

 E9DBEE

 E3C3EE

 EFF3EE

 DCABEE

 F6FFEE

 D694EE

 FCFFEE

 D07CEE

 FFFFEE

 CA64EE

 C34CEE

 BD34EE

 B71DEE

 B105EE

# Harmonies

## Analogous

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



DCDEF4



E9DBEE



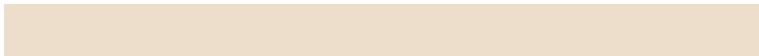
F3D9E4

# Triad

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



E9DBEE



EDDDCB



C6E6E5

# Complementary

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



E9DBEE



E0EEDB

# 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.



CBE6DA



E9DBEE



E2E1CB

# Square

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



E9DBEE



F5DAD0



D5E4D1



C7E5EF

# Rectangle

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



E9DBEE



F6D8DD



D5E4D1



C7E6E2



# Sweetspot

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



E9DBEE



FEFAFF



DBE0EE



7F7D80



000000



808080



# Same Dimension

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



E9DBEE



F8E6FF



EEDBEA



756C78



8700B8



290038



# Inverse Universe

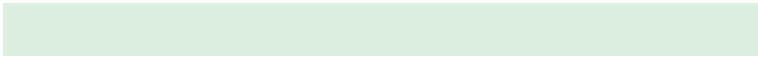
The Inverse Universe completely reimagines the original color for something new.



EEDBE0



FFE6EC



DBEEDF



786C6F



B80030

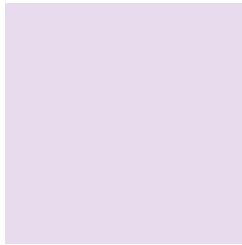


38000F



# Previews

## White Background



This preview shows how the Hex color E9DBEE looks on a white background.

## Color Contrast Check

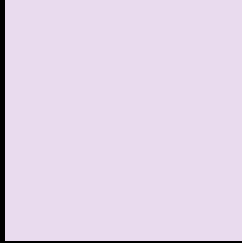
Large Text (above 18pt) WCAG AA × Fail

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 E9DBEE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

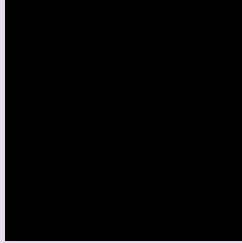
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

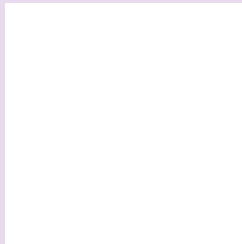
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E9DBEE Background



This preview shows how black text looks on a background with the Hex color E9DBEE.



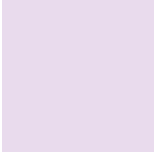
This preview shows how white text looks on a background with the Hex color E9DBEE.

# 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](#).

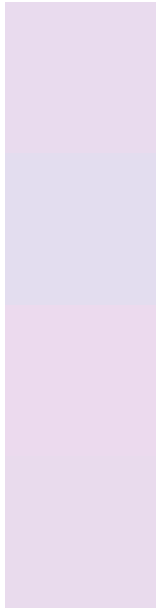
## Dichromacy





**Tritanopia**  
E9DBED

# Trichromacy



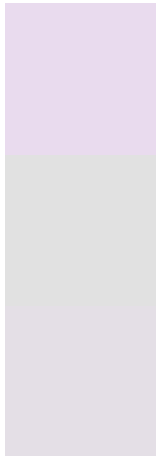
**Original Color**  
E9DBEE

**Protanomaly**  
E3DDEF

**Deuteranomaly**  
ECDAEE

**Tritanomaly**  
E9DBED

# Monochromacy



**Original Color**  
E9DBEE

**Achromatopsia**  
E1E1E1

**Achromatomaly**  
E4DFE6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E9DBEE 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 #E9DBEE looks like.

```
.text, #text, p{  
    color:#E9DBEE  
}
```

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 #E9DBEE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E9DBEE
}
```

## Border

The CSS property to change the border of an element to Hex E9DBEE 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
#E9DBEE }
```

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

```
.border{ border-color:#E9DBEE }
```

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

Here you see how a box with a 4 pixel #E9DBEE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E9DBEE; -webkit-box-shadow:4px 4px  
4px 4px #E9DBEE; box-shadow:4px 4px 4px  
4px #E9DBEE }
```

# Background

The CSS property to change the background color of an element to Hex E9DBEE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E9DBEE }
```

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

```
.background{ background-color:#E9DBEE }
```

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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