

Converting Colors

Hex(DE9EEB)

Have a look what the booklet for
Hex(DE9EEB) contains.

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Color

Hex(DE9EEB)

Conversions

Conversions Part 1

Format	Color
Hex	DE9EEB
RGB	222, 158, 235
RGB Percent	87%, 62%, 92%
CMY	0.1294, 0.3804, 0.0784
CMYK	0.06, 0.33, 0.00, 0.08
HSL	290°, 66%, 77%
HSV	290°, 33%, 92%
XYZ	57.3465, 45.9815, 84.4501
YIQ	185.9140, 13.4270, 37.5150

Conversions

Conversions Part 2

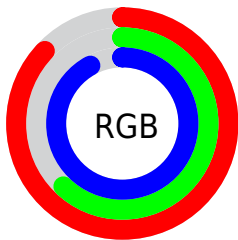
Format	Color
R _Y B	222, 158, 235
Decimal	14589675
CIE Lab	73.53, 36.58, -29.39
CIE LCh	74, 46.922, 321.221
Yxy	45.9815, 0.3054, 0.2449
Android (android.graphics.Color)	4292779755 (0xFFDE9EEB)
YUV	185.9140, 24.1994, 31.6474
Hunter-Lab	67.8096, 32.2902, -26.3730

Details

The Hex color **DE9EEB** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **ABEB9E**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **FFD5FF**, and **A669B3** is the 20% darker color. If you saturate the color by 10%, you get **DA87EB**, and if you desaturate by 10%, it is **E2B6EB**.

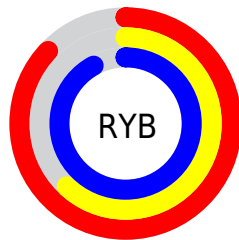
Distribution



Red (87%)

Green (62%)

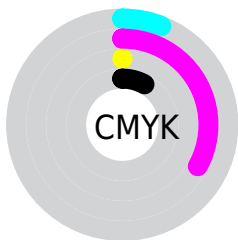
Blue (92%)



Red (87%)

Yellow (62%)

Blue (92%)

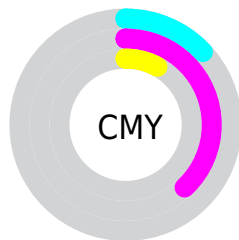


Cyan (6%)

Magenta (33%)

Yellow (0%)

Black (8%)



Cyan (13%)

Magenta (38%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE9EEB 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 DE9EEB by changing the saturation by 10% instead.

 DE9EEB

 DE9EEB

FFFFFF

 C283CF

 FFD5FF

 A669B3

 FFF2FF

 8B5098

 70387E

 572065

 3E054C

 270035

 01001F

 000002

 DE9EEB

 DE9EEB

 DA87EB

 E2B6EB

 D66FEB

 E6CDEB

 D258EB

 EAE5EB

 CE40EB

 EEFCEB

 CA29EB

 F2FFEB

 C611EB

 F6FFEB

 C300EB

 FAFFEB

 FEFFEB

 FFFFEB

Harmonies

Analogous

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



A5AEFF



DE9EEB



FF93C3

Triad

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



DE9EEB



DAAE5E



00CBD2

Complementary

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



DE9EEB



ABEB9E

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.



39CAA6



DE9EEB



B1BC62

Square

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



DE9EEB



F99E73



7FC57D



00C7F7

Rectangle

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



DE9EEB



FF92A6



7FC57D



00CBC4

Sweetspot

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



DE9EEB



FBE6FF



9EACEB



7D7080



000000



808080

Same Dimension

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



DE9EEB



EE9CFF



EB9ED3



736A75



9600B5



2D0036

Inverse Universe

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



EB9EAB



FF9CAC



9EEBB6



756A6C



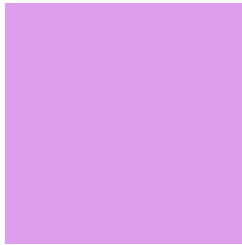
B5001F



360009

Previews

White Background



This preview shows how the Hex color DE9EEB looks on a white background.

Color Contrast Check

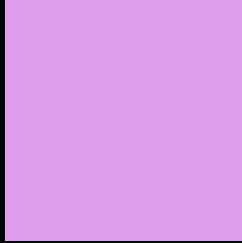
Large Text (above 18pt) WCAG AA × Fail

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 DE9EEB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

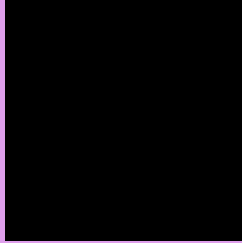
Any Text WCAG AA ✓ Pass

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 DE9EEB Background



This preview shows how black text looks on a background with the Hex color DE9EEB.

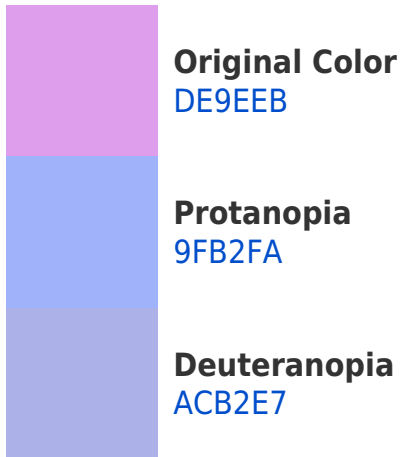


This preview shows how white text looks on a background with the Hex color DE9EEB.

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
D6A9B6

Trichromacy



Original Color
DE9EEB



Protanomaly
B6ABF5



Deuteranomaly
BEABE8

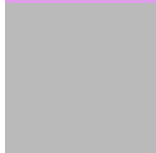


Tritanomaly
D9A5C9

Monochromacy



Original Color
DE9EEB



Achromatopsia
BABABA



Achromatomaly
C7B0CC

CSS Examples

Text

The CSS property to change the color of the text to Hex DE9EEB 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 #DE9EEB looks like.

```
.text, #text, p{  
    color:#DE9EEB  
}
```

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 #DE9EEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE9EEB
}
```

Border

The CSS property to change the border of an element to Hex DE9EEB 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
#DE9EEB }
```

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

```
.border{ border-color:#DE9EEB }
```

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

Here you see how a box with a 4 pixel #DE9EEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE9EEB; -webkit-box-shadow:4px 4px  
4px 4px #DE9EEB; box-shadow:4px 4px 4px  
4px #DE9EEB }
```

Background

The CSS property to change the background color of an element to Hex DE9EEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE9EEB }
```

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

```
.background{ background-color:#DE9EEB }
```

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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