

Converting Colors

Hex(D9ACEE)

Have a look what the booklet for
Hex(D9ACEE) contains.

Hex(D9ACEE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D9ACEE)

Conversions

Conversions Part 1

Format	Color
Hex	D9ACEE
RGB	217, 172, 238
RGB Percent	85%, 67%, 93%
CMY	0.1490, 0.3255, 0.0667
CMYK	0.09, 0.28, 0.00, 0.07
HSL	281°, 66%, 80%
HSV	281°, 28%, 93%
XYZ	58.8004, 50.4298, 87.5237
YIQ	192.9790, 5.6340, 30.0660

Conversions

Conversions Part 2

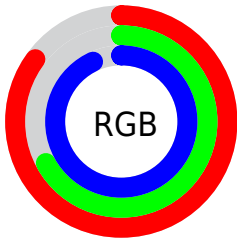
Format	Color
R _Y B	217, 172, 238
Decimal	14265582
CIE Lab	76.33, 28.06, -26.77
CIE LCh	76, 38.776, 316.348
Yxy	50.4298, 0.2989, 0.2563
Android (android.graphics.Color)	4292455662 (0xFFD9ACEE)
YUV	192.9790, 22.1954, 21.0664
Hunter-Lab	71.0139, 23.5258, -23.3644

Details

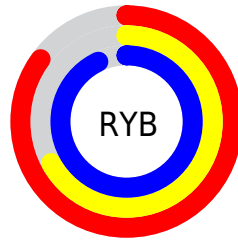
The Hex color **D9ACEE** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **C1EEAC**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **FFE4FF**, and **A177B6** is the 20% darker color. If you saturate the color by 10%, you get **D194EE**, and if you desaturate by 10%, it is **E1C4EE**.

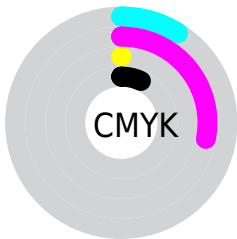
Distribution



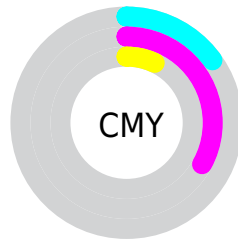
- Red (85%)
- Green (67%)
- Blue (93%)



- Red (85%)
- Yellow (67%)
- Blue (93%)



- Cyan (9%)
- Magenta (28%)
- Yellow (0%)
- Black (7%)



- Cyan (15%)
- Magenta (33%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color D9ACEE 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 D9ACEE by changing the saturation by 10% instead.

 D9ACEE

 D9ACEE

FFFFFF

 BD91D2

 FFE4FF

 A177B6

 875E9B

 6D4681

 542F67

 3B184F

 240238

 070022

 000008

 D9ACEE

 D9ACEE

 D194EE

 E1C4EE

 CA7CEE

 E8DCEE

 C265EE

 F0F3EE

 BB4DEE

 F7FFEE

 B335EE

 FFFFEE

 AC1DEE

 A405EE

 A200EE

Harmonies

Analogous

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



A9B9FF



D9ACEE



F8A2CE

Triad

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



D9ACEE



E3B477



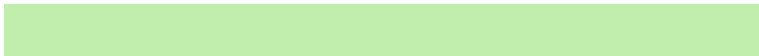
3ED0CF

Complementary

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



D9ACEE



C1EEAC

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.



6BCEAA



D9ACEE



C1C077

Square

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



D9ACEE



FAA88A



98C98A



38CCEF

Rectangle

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



D9ACEE



FFA1B6



98C98A



4CD0C3

Sweetspot

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



D9ACEE



F9EBFF



ACC2EE



7B7380



000000



808080

Same Dimension

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



D9ACEE



E4ABFF



EEACE3



746C78



7D00B8



260038

Inverse Universe

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



EEACC1



FFABC6



ACEEB7



786C70



B8003A



380012

Previews

White Background



This preview shows how the Hex color D9ACEE looks on a white background.

Color Contrast Check

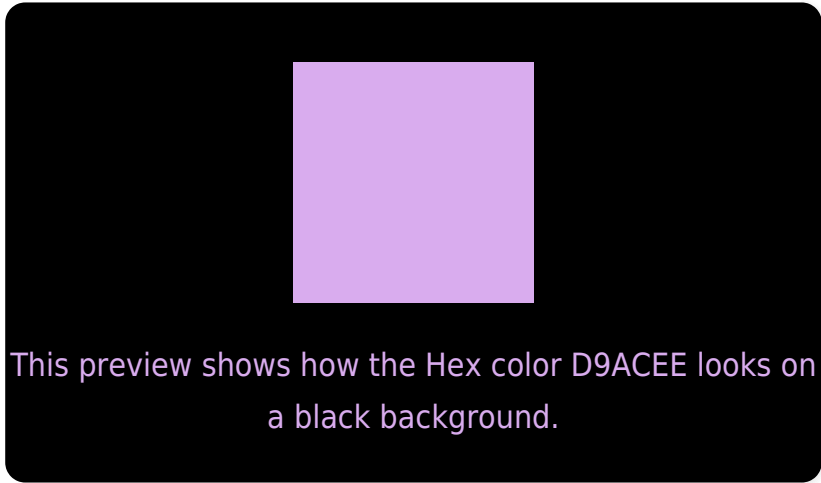
Large Text (above 18pt) WCAG AA × Fail

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 D9ACEE Background



This preview shows how black text looks on a background with the Hex color D9ACEE.

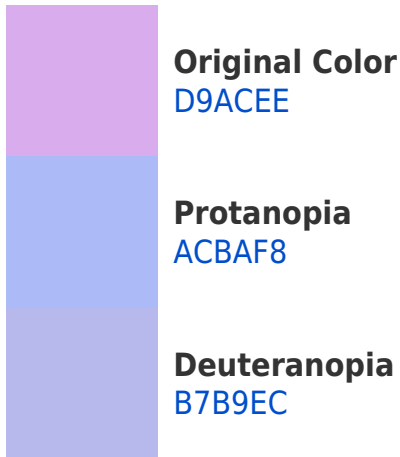


This preview shows how white text looks on a background with the Hex color D9ACEE.

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
D2B4C2

Trichromacy



Original Color
D9ACEE



Protanomaly
BCB5F4



Deuteranomaly
C3B4ED

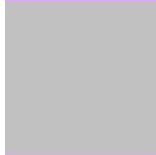


Tritanomaly
D5B1D2

Monochromacy



Original Color
D9ACEE



Achromatopsia
C1C1C1



Achromatomaly
CAB9D1

CSS Examples

Text

The CSS property to change the color of the text to Hex D9ACEE 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 #D9ACEE looks like.

```
.text, #text, p{  
    color:#D9ACEE  
}
```

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 #D9ACEE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9ACEE
}
```

Border

The CSS property to change the border of an element to Hex D9ACEE 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
#D9ACEE }
```

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

```
.border{ border-color:#D9ACEE }
```

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

Here you see how a box with a 4 pixel #D9ACEE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9ACEE; -webkit-box-shadow:4px 4px  
4px 4px #D9ACEE; box-shadow:4px 4px 4px  
4px #D9ACEE }
```

Background

The CSS property to change the background color of an element to Hex D9ACEE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9ACEE }
```

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

```
.background{ background-color:#D9ACEE }
```

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