

Converting Colors

Hex(DA9DEE)

Have a look what the booklet for
Hex(DA9DEE) contains.

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Color

Hex(DA9DEE)

Conversions

Conversions Part 1

Format	Color
Hex	DA9DEE
RGB	218, 157, 238
RGB Percent	85%, 62%, 93%
CMY	0.1451, 0.3843, 0.0667
CMYK	0.08, 0.34, 0.00, 0.07
HSL	285°, 70%, 77%
HSV	285°, 34%, 93%
XYZ	56.4030, 45.1924, 86.6392
YIQ	184.4730, 10.3550, 38.1230

Conversions

Conversions Part 2

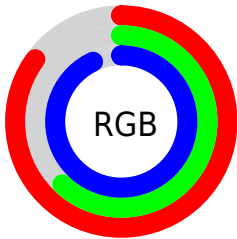
Format	Color
R _Y B	218, 157, 238
Decimal	14327278
CIE Lab	73.02, 36.47, -31.85
CIE LCh	73, 48.420, 318.867
Yxy	45.1924, 0.2996, 0.2401
Android (android.graphics.Color)	4292517358 (0xFFDA9DEE)
YUV	184.4730, 26.3888, 29.4032
Hunter-Lab	67.2253, 32.1199, -29.3545

Details

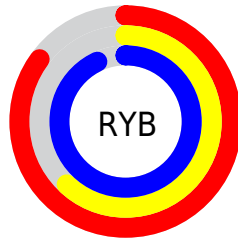
The Hex color **DA9DEE** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **B1EE9D**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFD4FF**, and **A269B6** is the 20% darker color. If you saturate the color by 10%, you get **D485EE**, and if you desaturate by 10%, it is **E0B5EE**.

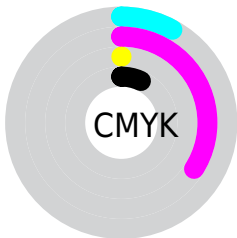
Distribution



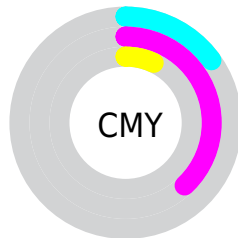
- Red (85%)
- Green (62%)
- Blue (93%)



- Red (85%)
- Yellow (62%)
- Blue (93%)



- Cyan (8%)
- Magenta (34%)
- Yellow (0%)
- Black (7%)



- Cyan (15%)
- Magenta (38%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color DA9DEE 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 DA9DEE by changing the saturation by 10% instead.

 DA9DEE

 DA9DEE

FFFFFF

 BE82D2

 FFD4FF

 A269B6

 FFF1FF

 87509B

 6D3781

 531F67

 3A054F

 240038

 000021

 000006

 DA9DEE

 DA9DEE

 D485EE

 E0B5EE

 CE6DEE

 E6CDEE

 C856EE

 ECE4EE

 C23EEE

 F2FCEE

 BD26EE

 F7FFEE

 B70EEE

 FDFEE

 B300EE

 FFFFEE

Harmonies

Analogous

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



9DAEFF



DA9DEE



FE91C6

Triad

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



DA9DEE



DDAB5B



00CACE

Complementary

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



DA9DEE



B1EE9D

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.



37C9A1



DA9DEE



B3B95D

Square

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



DA9DEE



FB9B72



80C477



00C6F5

Rectangle

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



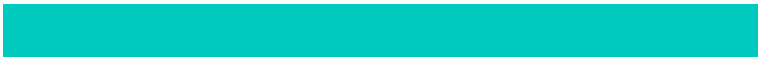
DA9DEE



FF8FA8



80C477



00CABF

Sweetspot

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



DA9DEE



F9E6FF



9DB1EE



7C7080



000000



808080

Same Dimension

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



DA9DEE



E596FF



EE9DDA



756C78



8A00B8



2A0038

Inverse Universe

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



EE9DB1



FF96B0



9DEEB1



786C6F



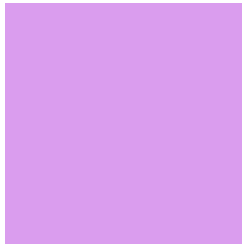
B8002D



38000E

Previews

White Background



This preview shows how the Hex color DA9DEE looks on a white background.

Color Contrast Check

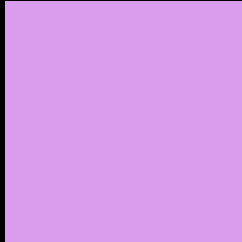
Large Text (above 18pt) WCAG AA × Fail

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 DA9DEE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

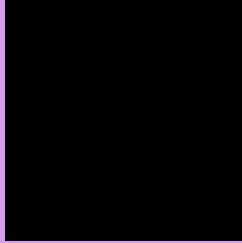
Any Text WCAG AA ✓ Pass

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 DA9DEE Background



This preview shows how black text looks on a background with the Hex color DA9DEE.

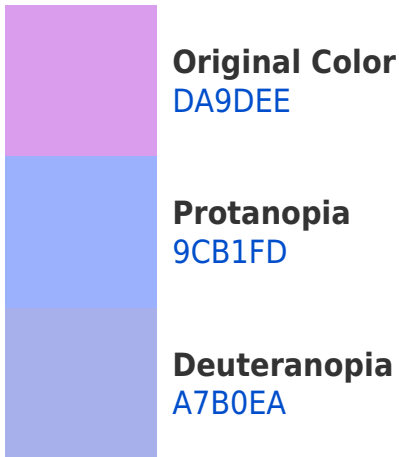


This preview shows how white text looks on a background with the Hex color DA9DEE.

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
D2A8B5

Trichromacy



Original Color
DA9DEE



Protanomaly
B3AAF8



Deuteranomaly
BAA9EB

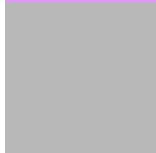


Tritanomaly
D5A4CA

Monochromacy



Original Color
DA9DEE



Achromatopsia
B8B8B8



Achromatomaly
C4AECC

CSS Examples

Text

The CSS property to change the color of the text to Hex DA9DEE 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 #DA9DEE looks like.

```
.text, #text, p{  
    color:#DA9DEE  
}
```

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 #DA9DEE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA9DEE
}
```

Border

The CSS property to change the border of an element to Hex DA9DEE 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
#DA9DEE }
```

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

```
.border{ border-color:#DA9DEE }
```

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

Here you see how a box with a 4 pixel #DA9DEE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA9DEE; -webkit-box-shadow:4px 4px  
4px 4px #DA9DEE; box-shadow:4px 4px 4px  
4px #DA9DEE }
```

Background

The CSS property to change the background color of an element to Hex DA9DEE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA9DEE }
```

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

```
.background{ background-color:#DA9DEE }
```

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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