

# Converting Colors

Hex(DDA9EE)

Have a look what the booklet for  
Hex(DDA9EE) contains.

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# Color

**Hex(DDA9EE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DDA9EE
RGB	221, 169, 238
RGB Percent	87%, 66%, 93%
CMY	0.1333, 0.3373, 0.0667
CMYK	0.07, 0.29, 0.00, 0.07
HSL	285°, 67%, 80%
HSV	285°, 29%, 93%
XYZ	59.4394, 49.9211, 87.3919
YIQ	192.4140, 8.8430, 32.4830

# Conversions

## Conversions Part 2

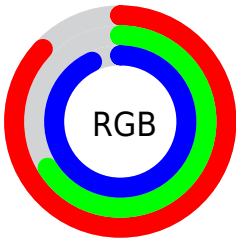
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	221, 169, 238
Decimal	14526958
CIE <sub>Lab</sub>	76.02, 30.94, -27.21
CIE <sub>LCh</sub>	76, 41.200, 318.667
Yxy	49.9211, 0.3021, 0.2537
Android (android.graphics.Color)	4292717038 (0xFFDDA9EE)
YUV	192.4140, 22.4739, 25.0699
Hunter-Lab	70.6549, 26.5195, -23.8764

# Details

The Hex color **DDA9EE** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **BAEEA9**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FFE1FF**, and **A574B6** is the 20% darker color. If you saturate the color by 10%, you get **D791EE**, and if you desaturate by 10%, it is **E3C1EE**.

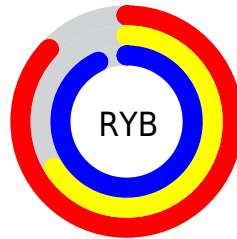
# Distribution



Red (87%)

Green (66%)

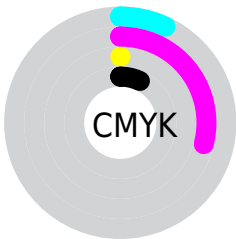
Blue (93%)



Red (87%)

Yellow (66%)

Blue (93%)

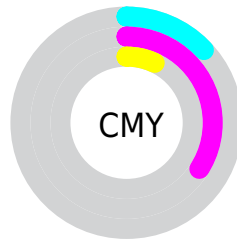


Cyan (7%)

Magenta (29%)

Yellow (0%)

Black (7%)



Cyan (13%)

Magenta (34%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DDA9EE 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 DDA9EE by changing the saturation by 10% instead.



 DDA9EE

 DDA9EE

FFFFFF

 C18ED2

 FFE1FF

 A574B6

FFFEFF

 8A5B9B

 704381

 572B67

 3E144F

 270038

 0B0022

 000008

 DDA9EE

 DDA9EE

 D791EE

 E3C1EE

 D179EE

 E9D9EE

 CB62EE

 EFF0EE

 C64AEE

 F4FFEE

 C032EE

 FAFEE

 BA1AEE

 FFFFEE

 B402EE

 B300EE

# Harmonies

## Analogous

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



AAB7FF



DDA9EE



FC9FCC

# Triad

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



DDA9EE



E1B471



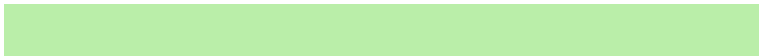
21D0D2

# Complementary

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



DDA9EE



BAEEA9

# 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.



5FCFAB



DDA9EE



BCC172

# Square

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



DDA9EE



FBA784



91CA88



1DCCF3

# Rectangle

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



DDA9EE



FF9EB2



91CA88



38D0C6



# Sweetspot

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



DDA9EE



F9E8FF



A9BAEE



7C7180



000000



808080



# Same Dimension

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



DDA9EE



E9A6FF



EEA9DD



756C78



8A00B8



2A0038



# Inverse Universe

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



EEA9BA



FFA6BC



A9EEBA



786C6F



B8002D

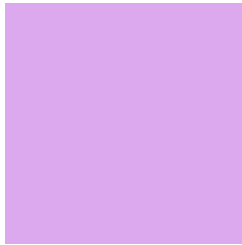


38000E



# Previews

## White Background



This preview shows how the Hex color DDA9EE looks on a white background.

## Color Contrast Check

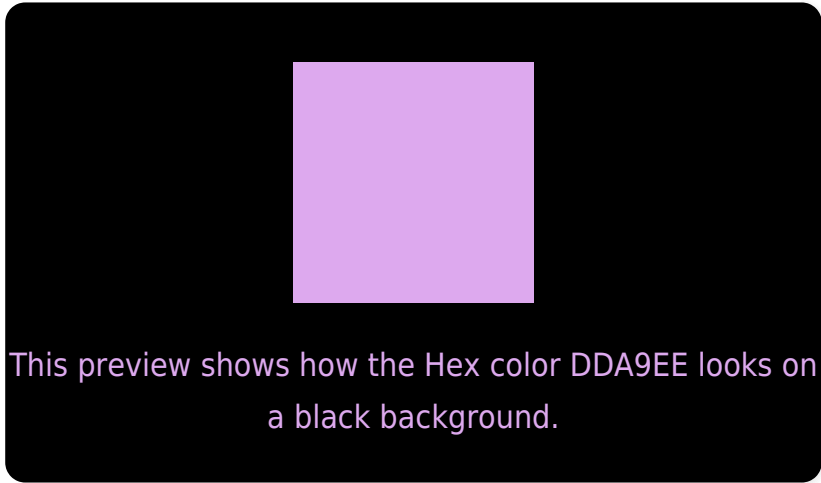
Large Text (above 18pt) WCAG AA × Fail

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 DDA9EE Background



This preview shows how black text looks on a background with the Hex color DDA9EE.

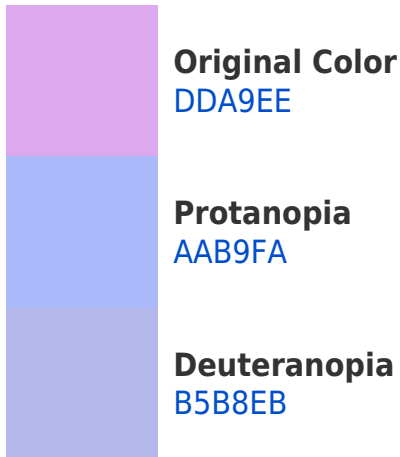


This preview shows how white text looks on a background with the Hex color DDA9EE.

# 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](#).

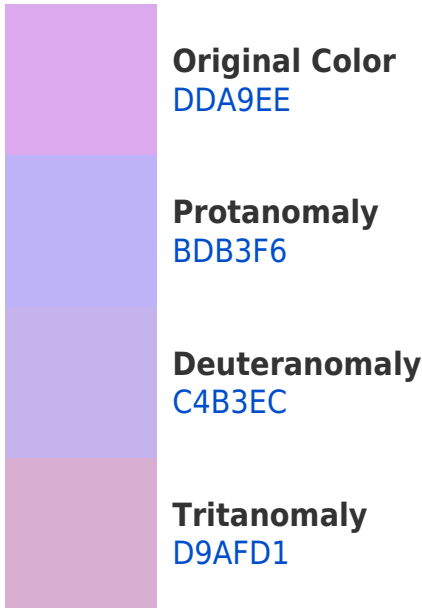
## Dichromacy



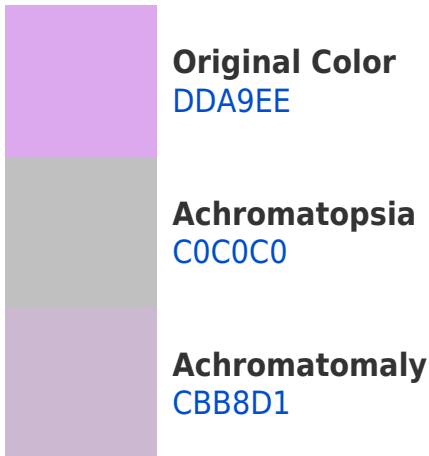


**Tritanopia**  
D6B2C0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DDA9EE 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 #DDA9EE looks like.

```
.text, #text, p{  
    color:#DDA9EE  
}
```

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 #DDA9EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DDA9EE
}
```

## Border

The CSS property to change the border of an element to Hex DDA9EE 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
#DDA9EE }
```

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

```
.border{ border-color:#DDA9EE }
```

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

Here you see how a box with a 4 pixel #DDA9EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DDA9EE; -webkit-box-shadow:4px 4px  
4px 4px #DDA9EE; box-shadow:4px 4px 4px  
4px #DDA9EE }
```

# Background

The CSS property to change the background color of an element to Hex DDA9EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DDA9EE }
```

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

```
.background{ background-color:#DDA9EE }
```

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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