

# Converting Colors

Hex(D2AEED)

Have a look what the booklet for  
Hex(D2AEED) contains.

<b>Hex(D2AEED)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(D2AEED)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D2AEED
RGB	210, 174, 237
RGB Percent	82%, 68%, 93%
CMY	0.1765, 0.3176, 0.0706
CMYK	0.11, 0.27, 0.00, 0.07
HSL	274°, 64%, 81%
HSV	274°, 27%, 93%
XYZ	57.0005, 50.0882, 86.7845
YIQ	191.9460, 1.2330, 27.2250

# Conversions

## Conversions Part 2

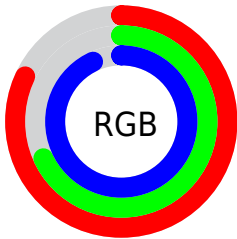
Format	Color
R <sub>YB</sub>	210, 174, 237
Decimal	13807341
CIE Lab	76.12, 24.56, -26.60
CIE LCh	76, 36.208, 312.721
Yxy	50.0882, 0.2940, 0.2584
Android (android.graphics.Color)	4291997421 (0xFFD2AEED)
YUV	191.9460, 22.2116, 15.8334
Hunter-Lab	70.7730, 19.9109, -23.1625

# Details

The Hex color **D2AEED** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **C9EDAE**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FFE6FF**, and **9B79B5** is the 20% darker color. If you saturate the color by 10%, you get **C896ED**, and if you desaturate by 10%, it is **DCC6ED**.

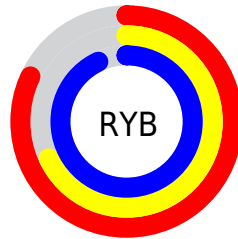
# Distribution



Red (82%)

Green (68%)

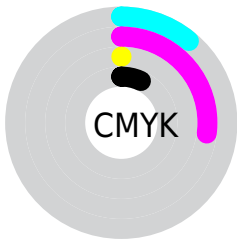
Blue (93%)



Red (82%)

Yellow (68%)

Blue (93%)

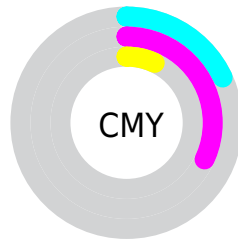


Cyan (11%)

Magenta (27%)

Yellow (0%)

Black (7%)



Cyan (18%)

Magenta (32%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D2AEED 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 D2AEED by changing the saturation by 10% instead.



 D2AEED

FFFFFF

 FFE6FF

 D2AEED

 B693D1

 9B79B5

 80609A

 674880

 4E3167

 361B4E

 1F0537

 000021

 000007

 D2AEED

 D2AEED

 C896ED

 DCC6ED

 BE7FED

 E6DDED

 B467ED

 F0F5ED

 A94FED

 FBFFED

 9F37ED

 FFFFED

 9520ED

 8B08ED

 8700ED

# Harmonies

## Analogous

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



A4BAFD



D2AEED



F1A5D0

# Triad

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



D2AEED



E3B37C



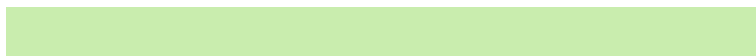
51CEC9

# Complementary

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



D2AEED



C9EDAE

# 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.



77CCA7



D2AEED



C4BE7A

# Square

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



D2AEED



F8A890



9FC78A



48CBE8

# Rectangle

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



D2AEED



FCA2BA



9FC78A



5CCEBE



# Sweetspot

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



D2AEED



F6EBFF



AEC9ED



7A7380



000000



808080



# Same Dimension

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



D2AEED



DCADFF



EDAEE9



706A75



6700B5



1F0036



# Inverse Universe

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



EDAEC9



FFADD0



AEEDB2



756A6F



B5004E

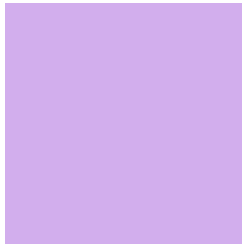


360017



# Previews

## White Background



This preview shows how the Hex color D2AEED looks on a white background.

## Color Contrast Check

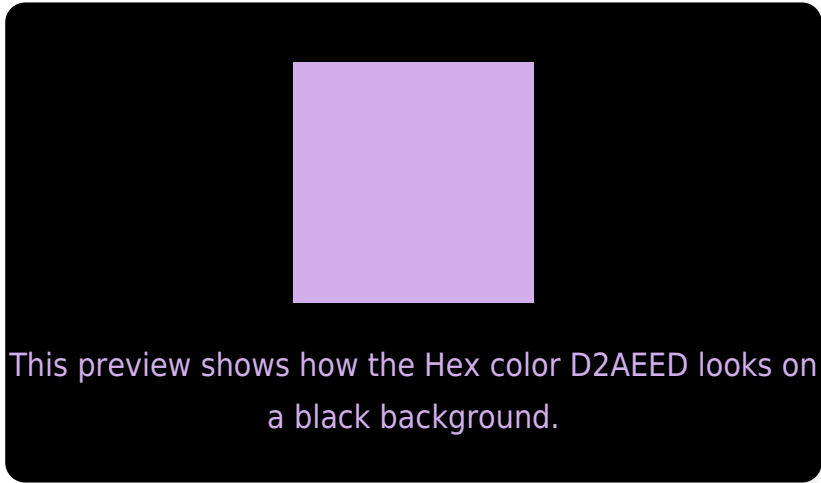
Large Text (above 18pt) WCAG AA × Fail

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

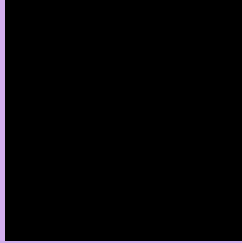
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D2AEED Background



This preview shows how black text looks on a background with the Hex color D2AEED.

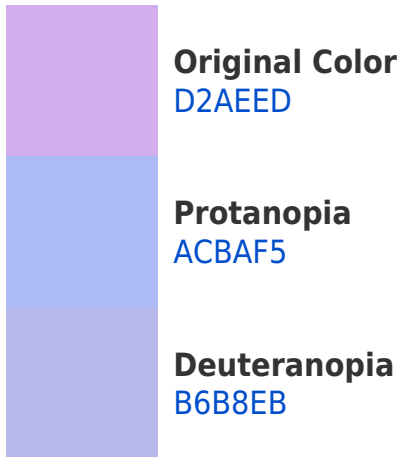


This preview shows how white text looks on a background with the Hex color D2AEED.

# 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](#).

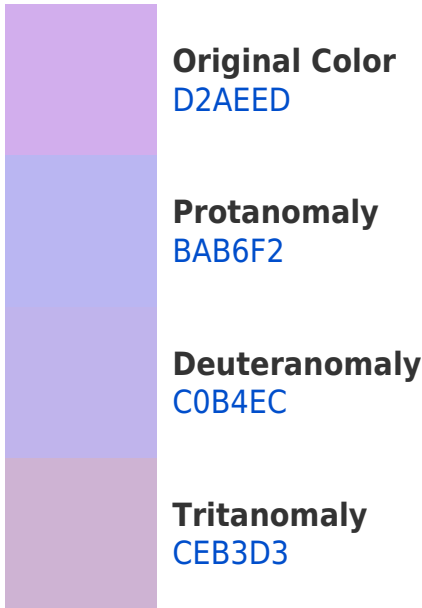
## Dichromacy



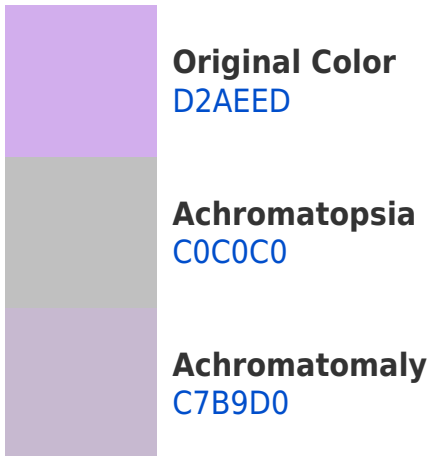


**Tritanopia**  
CBB6C4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D2AEED 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 #D2AEED looks like.

```
.text, #text, p{  
    color:#D2AEED  
}
```

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 #D2AEED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2AEED
}
```

## Border

The CSS property to change the border of an element to Hex D2AEED is called "border". The border property can be set on classes, ids or directly on the HTML element.

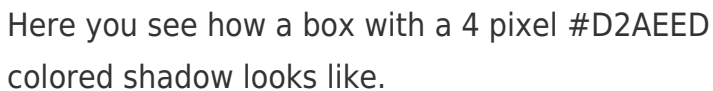
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D2AEED }
```

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

```
.border{ border-color:#D2AEED }
```

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



Here you see how a box with a 4 pixel #D2AEED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2AEED; -webkit-box-shadow:4px 4px  
4px 4px #D2AEED; box-shadow:4px 4px 4px  
4px #D2AEED }
```

# Background

The CSS property to change the background color of an element to Hex D2AEED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2AEED }
```

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

```
.background{ background-color:#D2AEED }
```

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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