

Converting Colors

Hex(D0AAEF)

Have a look what the booklet for
Hex(D0AAEF) contains.

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Color

Hex(**D0AAEF**)

Conversions

Conversions Part 1

Format	Color
Hex	D0AAEF
RGB	208, 170, 239
RGB Percent	82%, 67%, 94%
CMY	0.1843, 0.3333, 0.0627
CMYK	0.13, 0.29, 0.00, 0.06
HSL	273°, 68%, 80%
HSV	273°, 29%, 94%
XYZ	55.9671, 48.3913, 88.0520
YIQ	189.2280, 0.4990, 29.5150

Conversions

Conversions Part 2

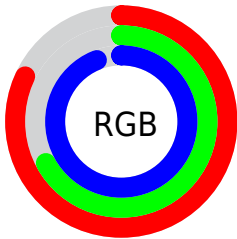
Format	Color
R _Y B	208, 170, 239
Decimal	13675247
CIE Lab	75.07, 26.54, -29.31
CIE LCh	75, 39.541, 312.153
Yxy	48.3913, 0.2909, 0.2515
Android (android.graphics.Color)	4291865327 (0xFFD0AAEF)
YUV	189.2280, 24.5376, 16.4630
Hunter-Lab	69.5639, 21.8741, -26.3529

Details

The Hex color **D0AAEF** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **C9EFAA**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **FFE2FF**, and **9975B7** is the 20% darker color. If you saturate the color by 10%, you get **C592EF**, and if you desaturate by 10%, it is **DBC2EF**.

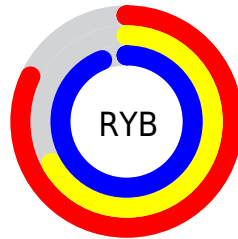
Distribution



Red (82%)

Green (67%)

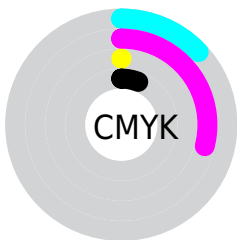
Blue (94%)



Red (82%)

Yellow (67%)

Blue (94%)

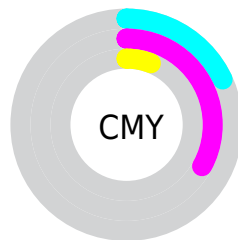


Cyan (13%)

Magenta (29%)

Yellow (0%)

Black (6%)



Cyan (18%)

Magenta (33%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color D0AAEF 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 D0AAEF by changing the saturation by 10% instead.

 D0AAEF

 D0AAEF

FFFFFF

 B48FD3

 FFE2FF

 9975B7

FFFEFF

 7E5D9C

 654482

 4C2E68

 331750

 1D0139

 000022

 000009

 D0AAEF

 D0AAEF

 C592EF

 DBC2EF

 BB7AEF

 E5DAEF

 B062EF

 F0F2EF

 A54AEF

 FBFFEF

 9A32EF

 FFFFEF

 901BEF

 8503EF

 8400EF

Harmonies

Analogous

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



9DB7FF



D0AAEF



F29FD0

Triad

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



D0AAEF



E4AF74



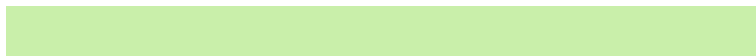
39CCC7

Complementary

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



D0AAEF



C9EFAA

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.



6CCBA1



D0AAEF



C2BB71

Square

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



D0AAEF



FAA38A



9AC582



24CAE9

Rectangle

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



D0AAEF



FE9CB8



9AC582



4BCCBA

Sweetspot

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



D0AAEF



F5E8FF



AAC9EF



797180



000000



808080

Same Dimension

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



D0AAEF



D7A6FF



EFAAEC



726C78



6500B8



1F0038

Inverse Universe

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



EFAAC9



FFA6CE



AAEFAD



786C71



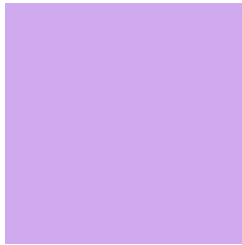
B80052



380019

Previews

White Background



This preview shows how the Hex color D0AAEF looks on a white background.

Color Contrast Check

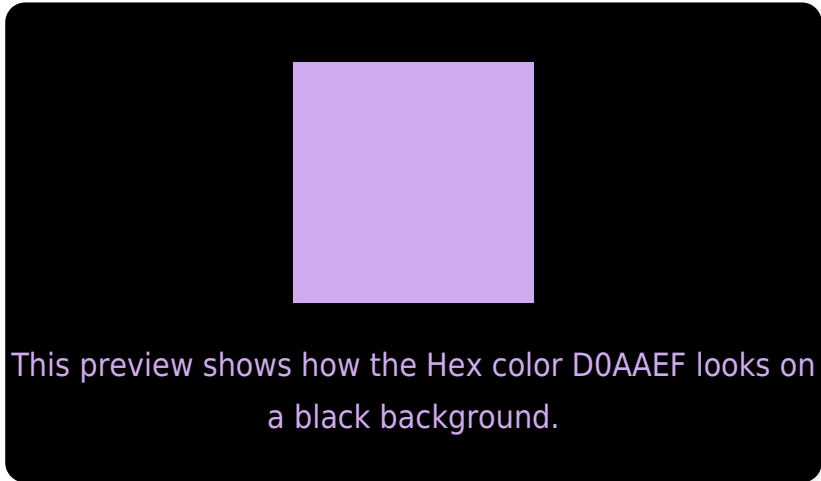
Large Text (above 18pt) WCAG AA × Fail

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 D0AAEF Background



This preview shows how black text looks on a background with the Hex color D0AAEF.

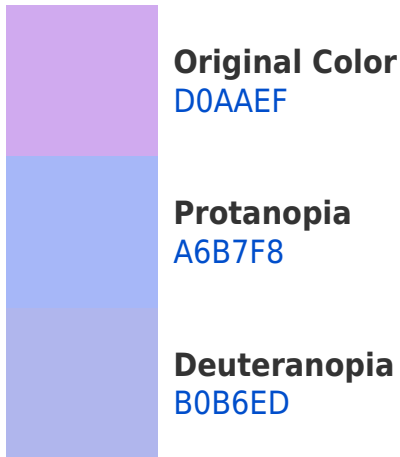


This preview shows how white text looks on a background with the Hex color D0AAEF.

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](#).

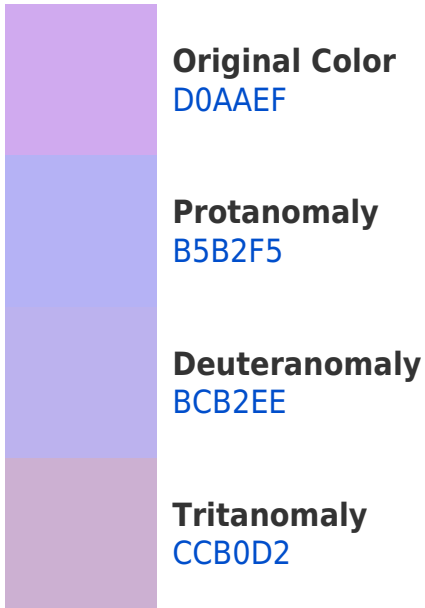
Dichromacy



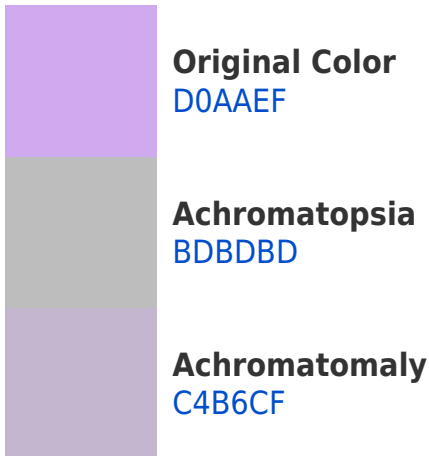


Tritanopia
C9B3C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D0AAEF 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 #D0AAEF looks like.

```
.text, #text, p{  
    color:#D0AAEF  
}
```

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 #D0AAEF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0AAEF
}
```

Border

The CSS property to change the border of an element to Hex D0AAEF 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
#D0AAEF }
```

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

```
.border{ border-color:#D0AAEF }
```

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

Here you see how a box with a 4 pixel #D0AAEF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0AAEF; -webkit-box-shadow:4px 4px  
4px 4px #D0AAEF; box-shadow:4px 4px 4px  
4px #D0AAEF }
```

Background

The CSS property to change the background color of an element to Hex D0AAEF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0AAEF }
```

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

```
.background{ background-color:#D0AAEF }
```

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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