

# Converting Colors

Hex(ACA0DB)

Have a look what the booklet for  
Hex(ACA0DB) contains.

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# **Color**

**Hex(ACA0DB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ACA0DB
RGB	172, 160, 219
RGB Percent	67%, 63%, 86%
CMY	0.3255, 0.3725, 0.1412
CMYK	0.21, 0.27, 0.00, 0.14
HSL	252°, 45%, 74%
HSV	252°, 27%, 86%
XYZ	42.3702, 39.0267, 72.3176
YIQ	170.3140, -11.7870, 20.8930

# Conversions

## Conversions Part 2

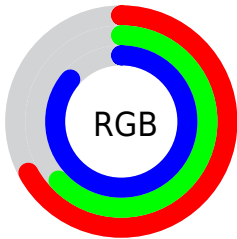
Format	Color
<a href="#">RYB</a>	<a href="#">172, 160, 219</a>
Decimal	<a href="#">11313371</a>
CIELab	<a href="#">68.77, 16.56, -28.34</a>
CIElCh	<a href="#">69, 32.827, 300.302</a>
Yxy	<a href="#">39.0267, 0.2756, 0.2539</a>
Android (android.graphics.Color)	<a href="#">4289503451 (0xFFACA0DB)</a>
YUV	<a href="#">170.3140, 24.0022, 1.4786</a>
Hunter-Lab	<a href="#">62.4714, 11.7399, -24.9048</a>

# Details

The Hex color **ACA0DB** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **CFDBA0**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **E4D7FF**, and **776DA4** is the 20% darker color. If you saturate the color by 10%, you get **9B8ADB**, and if you desaturate by 10%, it is **BDB6DB**.

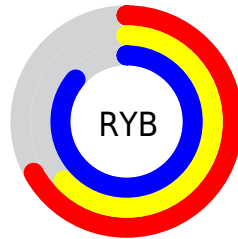
# Distribution



Red (67%)

Green (63%)

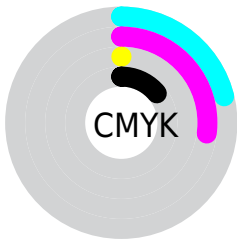
Blue (86%)



Red (67%)

Yellow (63%)

Blue (86%)

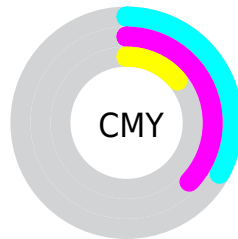


Cyan (21%)

Magenta (27%)

Yellow (0%)

Black (14%)



Cyan (33%)

Magenta (37%)

Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ACA0DB 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 ACA0DB by changing the saturation by 10% instead.



■ ACA0DB

■ ACA0DB

FFFFFF

■ 9186BF

■ E4D7FF

■ 776DA4

■ FFF3FF

■ 5D5489

■ 443D70

■ 2C2757

■ 14133F

■ 000029

■ 000113

■ 000000

ACA0DB

ACA0DB

9B8ADB

BDB6DB

8974DB

CFCCDB

785EDB

E0E2DB

6648DB

F2F8DB

5533DB

FFFFDB

431DDB

3207DB

2D00DB

# Harmonies

## Analogous

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



80AAE3



ACA0DB



CE96C6

# Triad

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



ACA0DB



D49C75



56B8A7

# Complementary

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



ACA0DB



CFDBA0

# 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.



7AB589



ACA0DB



BCA66C

# Square

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



ACA0DB



E1948B



9DAF74



40B7C5

# Rectangle

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



ACA0DB



DC92B3



9DAF74



62B79D



# Sweetspot

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



ACA0DB



EFEFFF



A0CFDB



757380



000000



808080



# Same Dimension

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



ACA0DB



BEADFF



C9A0DB



65636E



2300AD



09002E



# Inverse Universe

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



DBA0CF



FFADEE



B2DBA0



6E636B



AD008A



2E0025



# Previews

## White Background



This preview shows how the Hex color ACA0DB looks on a white background.

## Color Contrast Check

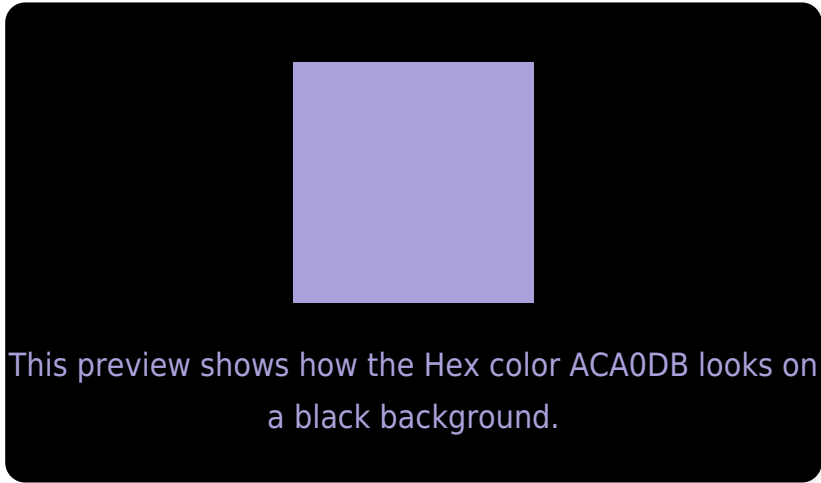
Large Text (above 18pt) WCAG AA × Fail

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

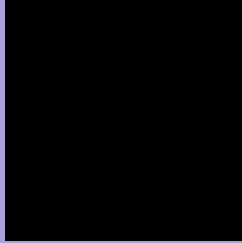
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex ACA0DB Background



This preview shows how black text looks on a background with the Hex color ACA0DB.

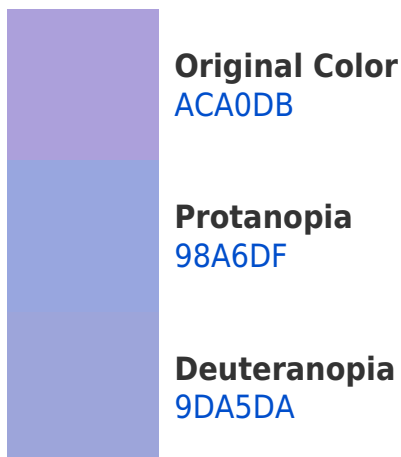


This preview shows how white text looks on a background with the Hex color ACA0DB.

# 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](#).

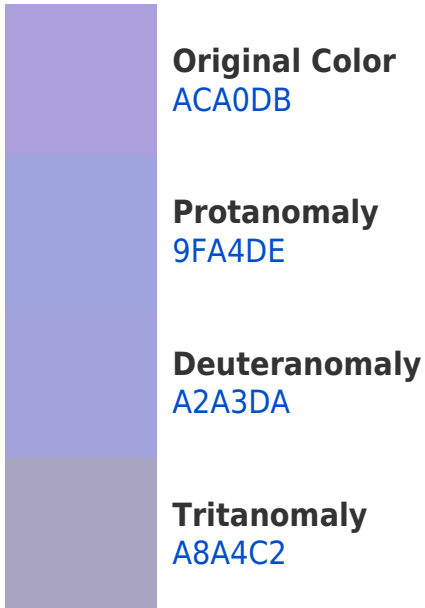
## Dichromacy



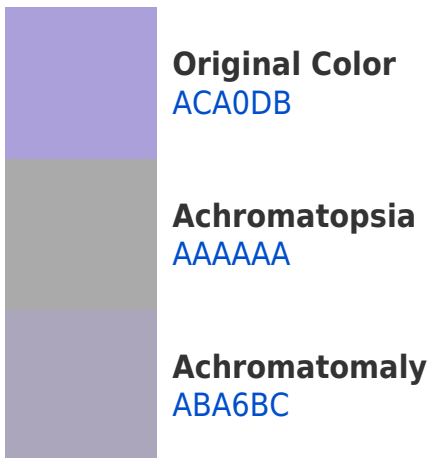


**Tritanopia**  
A5A7B4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ACA0DB 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 #ACA0DB looks like.

```
.text, #text, p{  
    color:#ACA0DB  
}
```

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 #ACA0DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACA0DB  
}
```

## Border

The CSS property to change the border of an element to Hex ACA0DB 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  
#ACA0DB }
```

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

```
.border{ border-color:#ACA0DB }
```

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

Here you see how a box with a 4 pixel #ACA0DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACA0DB; -webkit-box-shadow:4px 4px  
4px 4px #ACA0DB; box-shadow:4px 4px 4px  
4px #ACA0DB }
```

# Background

The CSS property to change the background color of an element to Hex ACA0DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACA0DB }
```

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

```
.background{ background-color:#ACA0DB }
```

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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