

# Converting Colors

Hex(C0A4DB)

Have a look what the booklet for  
Hex(C0A4DB) contains.

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# **Color**

**Hex(C0A4DB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C0A4DB
RGB	192, 164, 219
RGB Percent	75%, 64%, 86%
CMY	0.2471, 0.3569, 0.1412
CMYK	0.12, 0.25, 0.00, 0.14
HSL	271°, 43%, 75%
HSV	271°, 25%, 86%
XYZ	47.7999, 42.8719, 72.7736
YIQ	178.6420, -0.9670, 23.0410

# Conversions

## Conversions Part 2

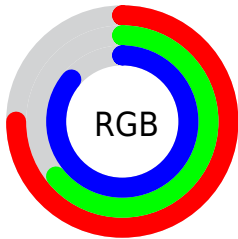
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	192, 164, 219
Decimal	12625115
CIE Lab	71.47, 20.60, -24.06
CIE LCh	71, 31.673, 310.574
Yxy	42.8719, 0.2925, 0.2623
Android (android.graphics.Color)	4290815195 (0xFFC0A4DB)
YUV	178.6420, 19.8965, 11.7150
Hunter-Lab	65.4766, 15.7262, -20.0639

# Details

The Hex color **C0A4DB** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **BFDBA4**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **F9DBFF**, and **8A70A4** is the 20% darker color. If you saturate the color by 10%, you get **B58EDB**, and if you desaturate by 10%, it is **CBBADB**.

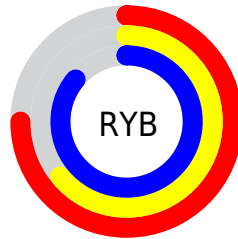
# Distribution



Red (75%)

Green (64%)

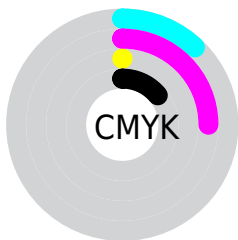
Blue (86%)



Red (75%)

Yellow (64%)

Blue (86%)

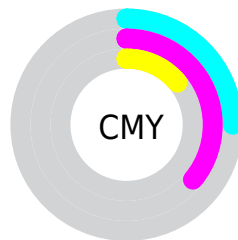


Cyan (12%)

Magenta (25%)

Yellow (0%)

Black (14%)



Cyan (25%)

Magenta (36%)

Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C0A4DB 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 C0A4DB by changing the saturation by 10% instead.



 C0A4DB

 C0A4DB

FFFFFF

 A58ABF

 F9DBFF

 8A70A4

 FFF8FF

 705789

 574070

 3F2957

 281440

 16002A

 000114

 000000

 C0A4DB

 C0A4DB

 B58EDB

 CBBADB

 AA78DB

 D6D0DB

 A062DB

 E0E6DB

 954CDB

 EBFCDB

 8A37DB

 F6FFDB

 7F21DB

 FFFFDB

 750BDB

 6F00DB

# Harmonies

## Analogous

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



98AEE7



C0A4DB



DC9CC3

# Triad

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



C0A4DB



D4A779



59BFB9

# Complementary

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



C0A4DB



BFDBA4

# 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.



77BD9B



C0A4DB



B9B176

# Square

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



C0A4DB



E59E8B



99B882



51BDD4

# Rectangle

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



C0A4DB



E699B0



99B882



62BFAF



# Sweetspot

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



C0A4DB



F5EBFF



A4C0DB



797380



000000



808080



# Same Dimension

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



C0A4DB



D9B3FF



DBA4DB



68636E



5800AD



17002E



# Inverse Universe

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



DBA4BF



FFB3D8



A4DBA4



6E6368



AD0055

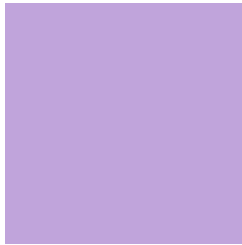


2E0017



# Previews

## White Background



This preview shows how the Hex color C0A4DB looks on a white background.

## Color Contrast Check

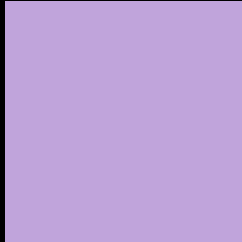
Large Text (above 18pt) WCAG AA × Fail

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 C0A4DB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

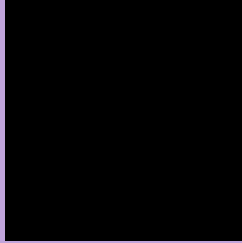
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C0A4DB Background



This preview shows how black text looks on a background with the Hex color C0A4DB.

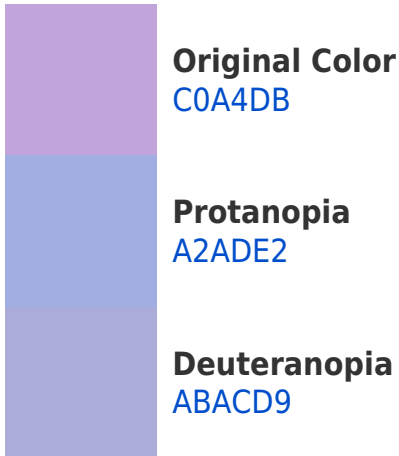


This preview shows how white text looks on a background with the Hex color C0A4DB.

# 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**  
BAAAB8

# Trichromacy



**Original Color**  
C0A4DB

**Protanomaly**  
ADAADF

**Deuteranomaly**  
B3A9DA

**Tritanomaly**  
BCA8C5

# Monochromacy



**Original Color**  
C0A4DB

**Achromatopsia**  
B3B3B3

**Achromatomaly**  
B8AEC2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C0A4DB 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 #C0A4DB looks like.

```
.text, #text, p{  
    color:#C0A4DB  
}
```

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 #C0A4DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0A4DB
}
```

## Border

The CSS property to change the border of an element to Hex C0A4DB 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
#C0A4DB }
```

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

```
.border{ border-color:#C0A4DB }
```

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

Here you see how a box with a 4 pixel #C0A4DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0A4DB; -webkit-box-shadow:4px 4px  
4px 4px #C0A4DB; box-shadow:4px 4px 4px  
4px #C0A4DB }
```

# Background

The CSS property to change the background color of an element to Hex C0A4DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0A4DB }
```

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

```
.background{ background-color:#C0A4DB }
```

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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