

# Converting Colors

Hex(CA81DB)

Have a look what the booklet for  
Hex(CA81DB) contains.

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# Color

Hex(CA81DB)

# Conversions

## Conversions Part 1

Format	Color
Hex	CA81DB
RGB	202, 129, 219
RGB Percent	79%, 51%, 86%
CMY	0.2078, 0.4941, 0.1412
CMYK	0.08, 0.41, 0.00, 0.14
HSL	289°, 56%, 68%
HSV	289°, 41%, 86%
XYZ	44.9936, 33.3715, 71.0878
YIQ	161.0870, 14.6180, 43.4660

# Conversions

## Conversions Part 2

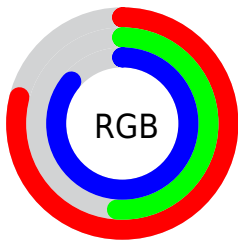
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">202, 129, 219</a>
Decimal	<a href="#">13271515</a>
CIELab	<a href="#">64.46, 42.87, -34.78</a>
CIELCh	<a href="#">64, 55.200, 320.947</a>
Yxy	<a href="#">33.3715, 0.3011, 0.2233</a>
Android (android.graphics.Color)	<a href="#">4291461595 (0xFFCA81DB)</a>
YUV	<a href="#">161.0870, 28.5511, 35.8807</a>
Hunter-Lab	<a href="#">57.7681, 37.9332, -32.5229</a>

# Details

The Hex color **CA81DB** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **92DB81**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFB7FF**, and **924DA4** is the 20% darker color. If you saturate the color by 10%, you get **C66BDB**, and if you desaturate by 10%, it is **CE97DB**.

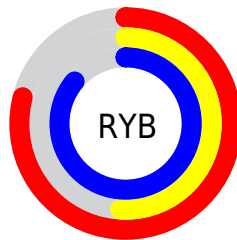
# Distribution



Red (79%)

Green (51%)

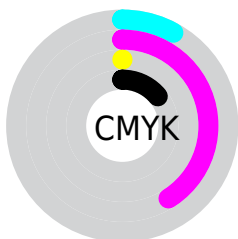
Blue (86%)



Red (79%)

Yellow (51%)

Blue (86%)

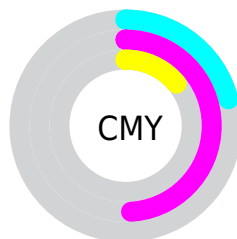


Cyan (8%)

Magenta (41%)

Yellow (0%)

Black (14%)



Cyan (21%)

Magenta (49%)

Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CA81DB 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 CA81DB by changing the saturation by 10% instead.



 CA81DB

 CA81DB

FFFFFF

 AE67BF

 FFB7FF

 924DA4

 FFD3FF

 773489

 FFF0FF

 5D1A6F

 440057

 2B003F

 100028

 000112

 000000

CA81DB

CA81DB

C66BDB

CE97DB

C255DB

D2ADDB

BE3FDB

D6C3DB

B929DB

DBD9DB

B514DB

DFEFDB

B200DB

E3FFDB

E7FFDB

EBFFDB

EFFFDB

# Harmonies

## Analogous

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



8595F9



CA81DB



EF72AD

# Triad

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



CA81DB



C49536



00B4BE

# Complementary

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



CA81DB



92DB81

# 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.



00B48B



CA81DB



96A43A

# Square

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



CA81DB



E78251



5AAE5B



00B0E8

# Rectangle

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



CA81DB



F7708C



5AAE5B



00B5AD



# Sweetspot

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



CA81DB



F9E0FF



8193DB



7C6E80



000000



808080



# Same Dimension

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



CA81DB



E782FF



DB81C0



6C636E



8D00AD



25002E



# Inverse Universe

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



DB8192



FF829A



81DB9C



6E6365



AD0021

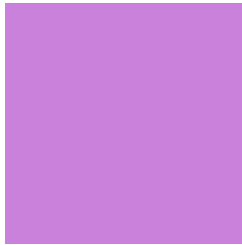


2E0009



# Previews

## White Background



This preview shows how the Hex color CA81DB looks on a white background.

## Color Contrast Check

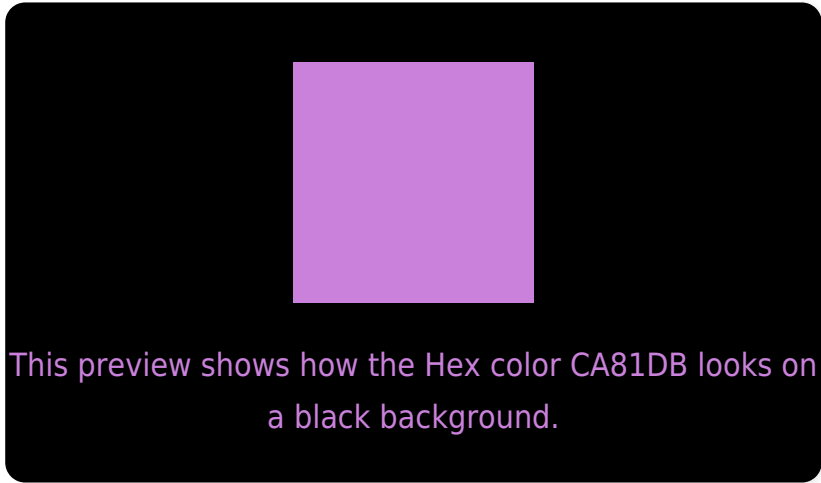
Large Text (above 18pt) WCAG AA × Fail

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

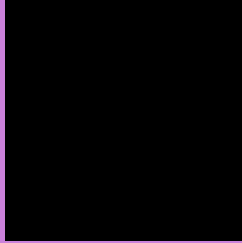
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CA81DB Background



This preview shows how black text looks on a background with the Hex color CA81DB.

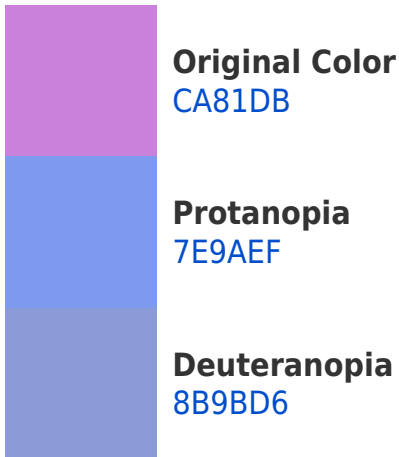


This preview shows how white text looks on a background with the Hex color CA81DB.

# 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](#).

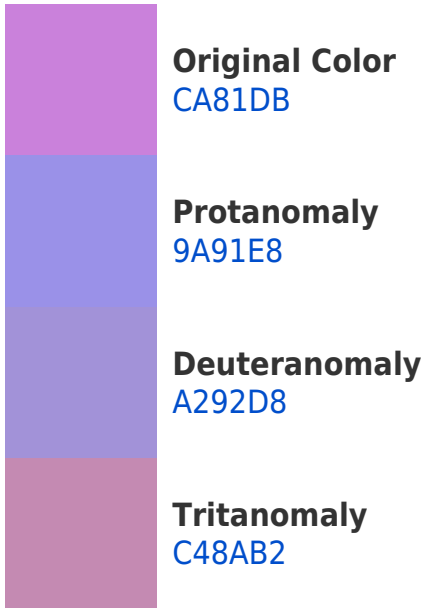
## Dichromacy



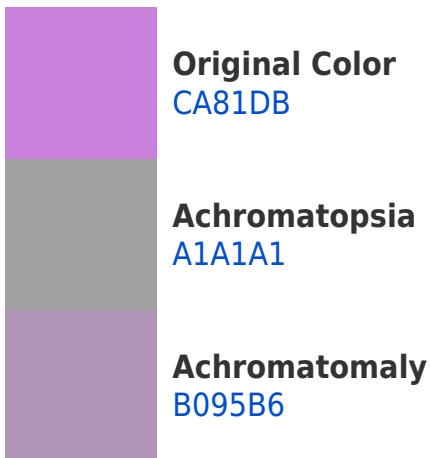


**Tritanopia**  
C18F9A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CA81DB 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 #CA81DB looks like.

```
.text, #text, p{  
    color:#CA81DB  
}
```

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 #CA81DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA81DB
}
```

## Border

The CSS property to change the border of an element to Hex CA81DB 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
#CA81DB }
```

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

```
.border{ border-color:#CA81DB }
```

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

Here you see how a box with a 4 pixel #CA81DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA81DB; -webkit-box-shadow:4px 4px  
4px 4px #CA81DB; box-shadow:4px 4px 4px  
4px #CA81DB }
```

# Background

The CSS property to change the background color of an element to Hex CA81DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA81DB }
```

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

```
.background{ background-color:#CA81DB }
```

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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