

Converting Colors

Hex(CA7BDB)

Have a look what the booklet for
Hex(CA7BDB) contains.

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Color

Hex(CA7BDB)

Conversions

Conversions Part 1

Format	Color
Hex	CA7BDB
RGB	202, 123, 219
RGB Percent	79%, 48%, 86%
CMY	0.2078, 0.5176, 0.1412
CMYK	0.08, 0.44, 0.00, 0.14
HSL	289°, 57%, 67%
HSV	289°, 44%, 86%
XYZ	44.2263, 31.8369, 70.8320
YIQ	157.5650, 16.2680, 46.6040

Conversions

Conversions Part 2

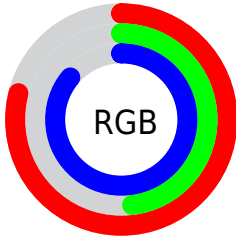
Format	Color
R_{YB}	202, 123, 219
Decimal	13269979
CIE _{Lab}	63.21, 46.04, -36.73
CIE _{LCh}	63, 58.895, 321.417
Yxy	31.8369, 0.3011, 0.2167
Android (android.graphics.Color)	4291460059 (0xFFCA7BDB)
YUV	157.5650, 30.2875, 38.9695
Hunter-Lab	56.4242, 41.1689, -34.9326

Details

The Hex color **CA7BDB** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **8CDB7B**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FFB1FF**, and **9247A4** is the 20% darker color. If you saturate the color by 10%, you get **C665DB**, and if you desaturate by 10%, it is **CE91DB**.

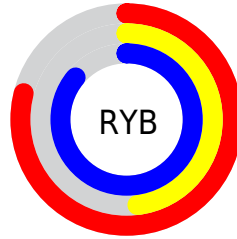
Distribution



Red (79%)

Green (48%)

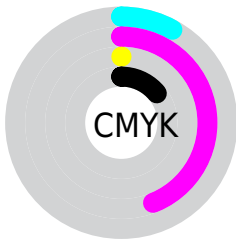
Blue (86%)



Red (79%)

Yellow (48%)

Blue (86%)

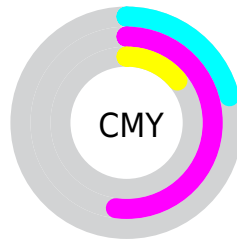


Cyan (8%)

Magenta (44%)

Yellow (0%)

Black (14%)



Cyan (21%)

Magenta (52%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA7BDB 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 CA7BDB by changing the saturation by 10% instead.

 CA7BDB

 CA7BDB

FFFFFF

 AE61BF

 FFB1FF

 9247A4

 FFCDFE

 772D89

 FFEAFF

 5D116F

 430056

 2B003F

 0B0028

 000111

 000000

CA7BDB

CA7BDB

C665DB

CE91DB

C24FDB

D2A7DB

BE39DB

D6BDDDB

BA23DB

DAD3DB

B70DDB

DDE9DB

B400DB

E1FEDB

E5FFDB

E9FFDB

EDFFDB

Harmonies

Analogous

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



7F91FB



CA7BDB



F06AAA

Triad

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



CA7BDB



C19129



00B2BE

Complementary

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



CA7BDB



8CDB7B

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.



00B188



CA7BDB



90A22E

Square

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



CA7BDB



E67C48



4FAC54



00AEEA

Rectangle

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



CA7BDB



F96887



4FAC54



00B2AC

Sweetspot

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



CA7BDB



F9DEFF



7B8DDB



7C6B80



000000



808080

Same Dimension

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



CA7BDB



E778FF



DB7BBD



6C636E



8F00AD



26002E

Inverse Universe

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



DB7B8C



FF7890



7BDB99



6E6365



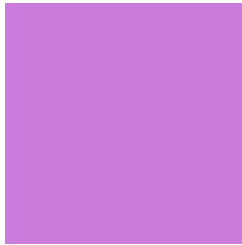
AD001F



2E0008

Previews

White Background



This preview shows how the Hex color CA7BDB looks on a white background.

Color Contrast Check

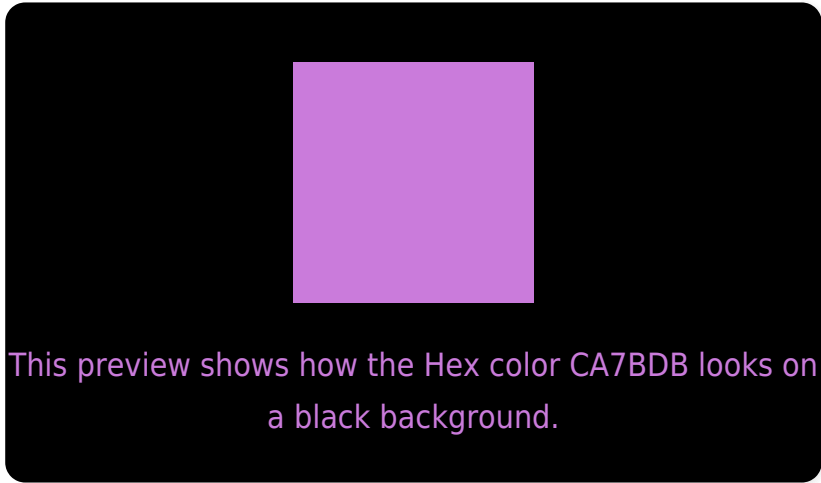
Large Text (above 18pt) WCAG AA × Fail

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

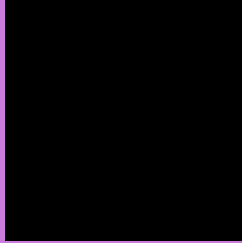
Any Text WCAG AA ✓ Pass

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 CA7BDB Background



This preview shows how black text looks on a background with the Hex color CA7BDB.

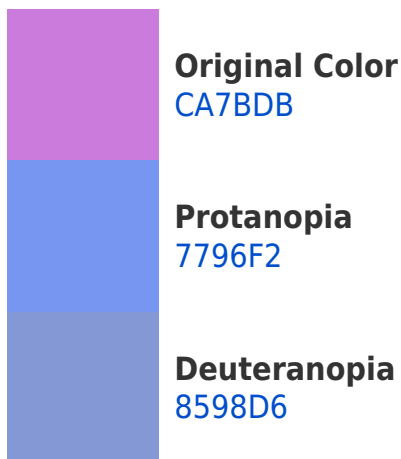


This preview shows how white text looks on a background with the Hex color CA7BDB.

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
C08B95

Trichromacy



Original Color
CA7BDB



Protanomaly
958CEA



Deuteranomaly
9E8DD8



Tritanomaly
C485AE

Monochromacy



Original Color
CA7BDB



Achromatopsia
9E9E9E



Achromatomaly
AE91B4

CSS Examples

Text

The CSS property to change the color of the text to Hex CA7BDB 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 #CA7BDB looks like.

```
.text, #text, p{  
    color:#CA7BDB  
}
```

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 #CA7BDB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA7BDB
}
```

Border

The CSS property to change the border of an element to Hex CA7BDB 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
#CA7BDB }
```

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

```
.border{ border-color:#CA7BDB }
```

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

Here you see how a box with a 4 pixel #CA7BDB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA7BDB; -webkit-box-shadow:4px 4px  
4px 4px #CA7BDB; box-shadow:4px 4px 4px  
4px #CA7BDB }
```

Background

The CSS property to change the background color of an element to Hex CA7BDB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA7BDB }
```

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

```
.background{ background-color:#CA7BDB }
```

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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