

Converting Colors

Hex(CDA4D8)

Have a look what the booklet for
Hex(CDA4D8) contains.

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Color

Hex(CDA4D8)

Conversions

Conversions Part 1

Format	Color
Hex	CDA4D8
RGB	205, 164, 216
RGB Percent	80%, 64%, 85%
CMY	0.1961, 0.3569, 0.1529
CMYK	0.05, 0.24, 0.00, 0.15
HSL	287°, 40%, 75%
HSV	287°, 24%, 85%
XYZ	50.8470, 44.4879, 70.8728
YIQ	182.1870, 7.7440, 24.8640

Conversions

Conversions Part 2

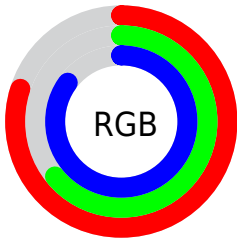
Format	Color
R _Y B	205, 164, 216
Decimal	13477080
CIE Lab	72.55, 24.20, -20.65
CIE LCh	73, 31.811, 319.523
Yxy	44.4879, 0.3059, 0.2677
Android (android.graphics.Color)	4291667160 (0xFFCDA4D8)
YUV	182.1870, 16.6698, 20.0070
Hunter-Lab	66.6993, 19.3525, -16.3105

Details

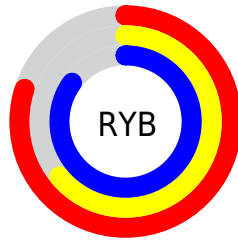
The Hex color **CDA4D8** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **AFD8A4**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FFDBFF**, and **9670A1** is the 20% darker color. If you saturate the color by 10%, you get **C88ED8**, and if you desaturate by 10%, it is **D2BAD8**.

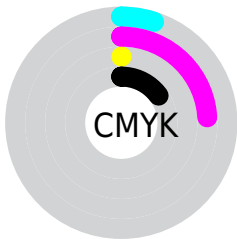
Distribution



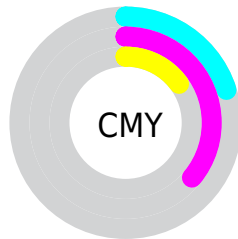
- Red (80%)
- Green (64%)
- Blue (85%)



- Red (80%)
- Yellow (64%)
- Blue (85%)



- Cyan (5%)
- Magenta (24%)
- Yellow (0%)
- Black (15%)



- Cyan (20%)
- Magenta (36%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color CDA4D8 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 CDA4D8 by changing the saturation by 10% instead.

 CDA4D8

 CDA4D8

FFFFFF

 B18ABC

 FFDBFF

 9670A1

 FFF8FF

 7C5787

 633F6D

 4A2955

 33133D

 1F0028

 000111

 000000

 CDA4D8

 CDA4D8

 C88ED8

 D2BAD8

 C479D8

 D6CFD8

 BF63D8

 DBE5D8

 BB4ED8

 DFFAD8

 B638D8

 E4FFD8

 B222D8

 E8FFD8

 AD0DD8

 EDFFD8

 AA00D8

 F2FFD8

 F6FFD8

Harmonies

Analogous

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



A8AEE9



CDA4D8



E59DBD

Triad

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



CDA4D8



D0AD79



56C2C4

Complementary

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



CDA4D8



AFD8A4

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.



70C1A6



CDA4D8



B3B67B

Square

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



CDA4D8



E4A387



92BD8B



59BFDD

Rectangle

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



CDA4D8



EC9CAA



92BD8B



5CC2BB

Sweetspot

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



CDA4D8



FBEDFF



A4AFD8



7D7580



000000



808080

Same Dimension

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



CDA4D8



EFB5FF



D8A4C9



69606B



8700AB



22002B

Inverse Universe

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



D8A4AF



FFB5C5



A4D8B3



6B6063



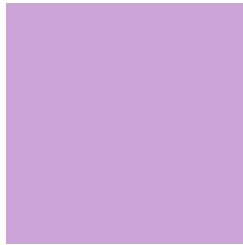
AB0024



2B0009

Previews

White Background



This preview shows how the Hex color CDA4D8 looks on a white background.

Color Contrast Check

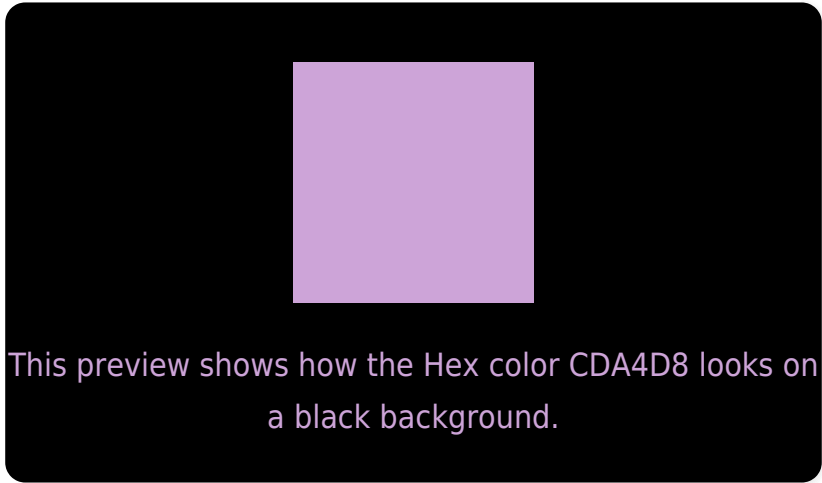
Large Text (above 18pt) WCAG AA × Fail

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 CDA4D8 Background



This preview shows how black text looks on a background with the Hex color CDA4D8.

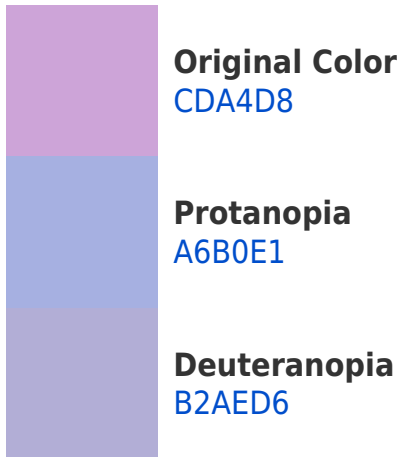


This preview shows how white text looks on a background with the Hex color CDA4D8.

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
C8AAB7

Trichromacy



Original Color
CDA4D8

Protanomaly
B4ACDE

Deuteranomaly
BCAAD7

Tritanomaly
CAA8C3

Monochromacy



Original Color
CDA4D8

Achromatopsia
B6B6B6

Achromatomaly
BEAFC2

CSS Examples

Text

The CSS property to change the color of the text to Hex CDA4D8 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 #CDA4D8 looks like.

```
.text, #text, p{  
    color:#CDA4D8  
}
```

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 #CDA4D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDA4D8  
}
```

Border

The CSS property to change the border of an element to Hex CDA4D8 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  
#CDA4D8 }
```

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

```
.border{ border-color:#CDA4D8 }
```

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

Here you see how a box with a 4 pixel #CDA4D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDA4D8; -webkit-box-shadow:4px 4px  
4px 4px #CDA4D8; box-shadow:4px 4px 4px  
4px #CDA4D8 }
```

Background

The CSS property to change the background color of an element to Hex CDA4D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDA4D8 }
```

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

```
.background{ background-color:#CDA4D8 }
```

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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