

Converting Colors

Hex(CA84DD)

Have a look what the booklet for
Hex(CA84DD) contains.

Hex(CA84DD)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(CA84DD)

Conversions

Conversions Part 1

Format	Color
Hex	CA84DD
RGB	202, 132, 221
RGB Percent	79%, 52%, 87%
CMY	0.2078, 0.4824, 0.1333
CMYK	0.09, 0.40, 0.00, 0.13
HSL	287°, 57%, 69%
HSV	287°, 40%, 87%
XYZ	45.6595, 34.2795, 72.6167
YIQ	163.0760, 13.1510, 42.5190

Conversions

Conversions Part 2

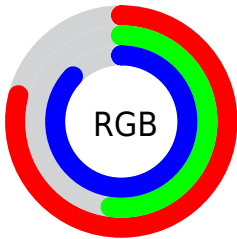
Format	Color
R_{YB}	202, 132, 221
Decimal	13272285
CIE _{Lab}	65.18, 41.66, -34.77
CIE _{LCh}	65, 54.263, 320.155
Yxy	34.2795, 0.2993, 0.2247
Android (android.graphics.Color)	4291462365 (0xFFCA84DD)
YUV	163.0760, 28.5565, 34.1363
Hunter-Lab	58.5487, 36.7439, -32.5520

Details

The Hex color **CA84DD** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **97DD84**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFBAFF**, and **9250A6** is the 20% darker color. If you saturate the color by 10%, you get **C56EDD**, and if you desaturate by 10%, it is **CF9ADD**.

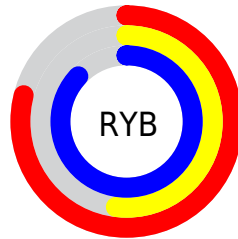
Distribution



Red (79%)

Green (52%)

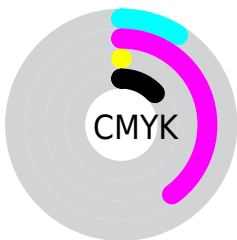
Blue (87%)



Red (79%)

Yellow (52%)

Blue (87%)

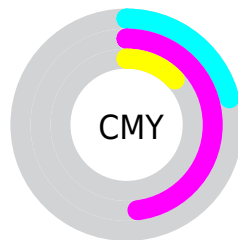


Cyan (9%)

Magenta (40%)

Yellow (0%)

Black (13%)



Cyan (21%)

Magenta (48%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA84DD 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 CA84DD by changing the saturation by 10% instead.

 CA84DD

 CA84DD

FFFFFF

 AE6AC1

 FFBAFF

 9250A6

 FFD7FF

 78378B

 FFF3FF

 5D1E71

 440058

 2B0040

 11002A

 000114

 000000

CA84DD

CA84DD

C56EDD

CF9ADD

C158DD

D3B0DD

BC42DD

D8C6DD

B72CDD

DDDCDD

B215DD

E2F3DD

AE00DD

E6FFDD

EBFFDD

F0FFDD

F4FFDD

Harmonies

Analogous

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



8598FA



CA84DD



EF75B0

Triad

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



CA84DD



C7963A



00B6BE

Complementary

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



CA84DD



97DD84

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.



00B58C



CA84DD



99A63D

Square

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



CA84DD



E98455



60B05D



00B2E8

Rectangle

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



CA84DD



F87390



60B05D



00B6AE

Sweetspot

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



CA84DD



F8E0FF



8497DD



7C6E80



000000



808080

Same Dimension

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



CA84DD



E585FF



DD84C4



6B636E



8800AD



24002E

Inverse Universe

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



DD8497



FF859F



84DD9D



6E6365



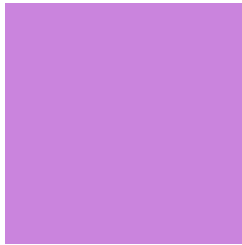
AD0025



2E000A

Previews

White Background



This preview shows how the Hex color CA84DD looks on a white background.

Color Contrast Check

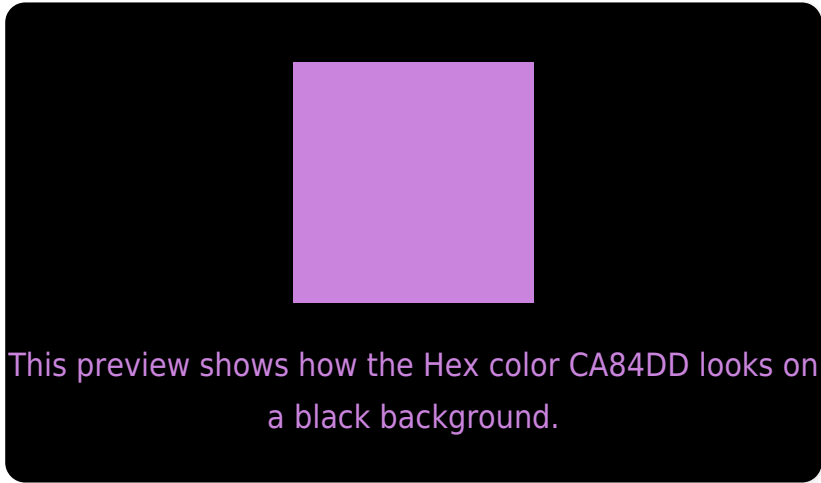
Large Text (above 18pt) WCAG AA × Fail

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

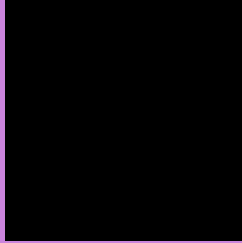
Any Text WCAG AA ✓ Pass

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 CA84DD Background



This preview shows how black text looks on a background with the Hex color CA84DD.

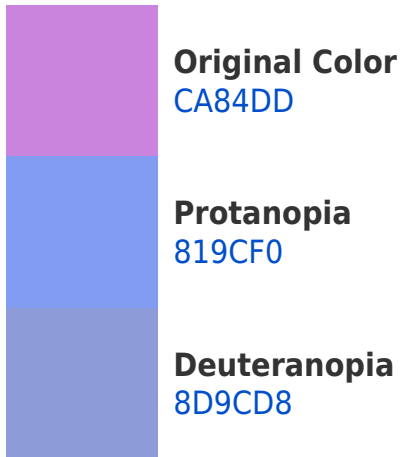



This preview shows how white text looks on a background with the Hex color CA84DD.

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](#).

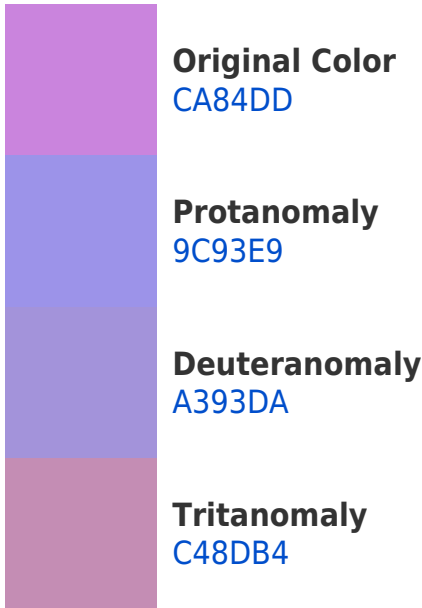
Dichromacy



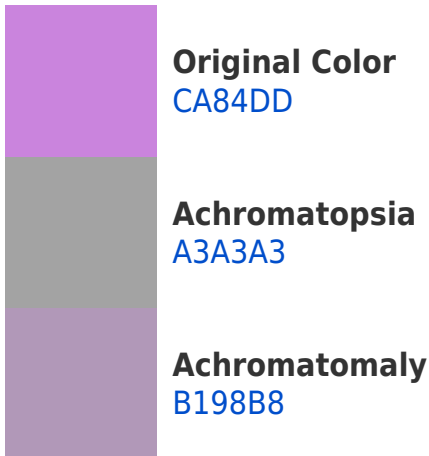


Tritanopia
C1929D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CA84DD 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 #CA84DD looks like.

```
.text, #text, p{  
    color:#CA84DD  
}
```

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 #CA84DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA84DD
}
```

Border

The CSS property to change the border of an element to Hex CA84DD 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
#CA84DD }
```

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

```
.border{ border-color:#CA84DD }
```

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

Here you see how a box with a 4 pixel #CA84DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA84DD; -webkit-box-shadow:4px 4px  
4px 4px #CA84DD; box-shadow:4px 4px 4px  
4px #CA84DD }
```

Background

The CSS property to change the background color of an element to Hex CA84DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA84DD }
```

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

```
.background{ background-color:#CA84DD }
```

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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