

# Converting Colors

Hex(CDA7BF)

Have a look what the booklet for  
Hex(CDA7BF) contains.

<b>Hex(CDA7BF)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(CDA7BF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CDA7BF
RGB	205, 167, 191
RGB Percent	80%, 65%, 75%
CMY	0.1961, 0.3451, 0.2510
CMYK	0.00, 0.19, 0.07, 0.20
HSL	322°, 28%, 73%
HSV	322°, 19%, 80%
XYZ	48.3995, 44.3782, 55.3051
YIQ	181.0980, 14.9440, 15.5200

# Conversions

## Conversions Part 2

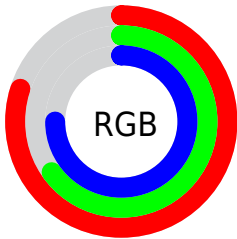
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	205, 167, 191
Decimal	13477823
CIE <sub>Lab</sub>	72.48, 17.89, -7.02
CIE <sub>LCh</sub>	72, 19.221, 338.571
Yxy	44.3782, 0.3268, 0.2997
Android (android.graphics.Color)	4291667903 (0xFFCDA7BF)
YUV	181.0980, 4.8817, 20.9621
Hunter-Lab	66.6169, 13.1068, -2.5905

# Details

The Hex color **CDA7BF** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **A7CDB5**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFDEF7**, and **96738A** is the 20% darker color. If you saturate the color by 10%, you get **CD93B7**, and if you desaturate by 10%, it is **CDBBC7**.

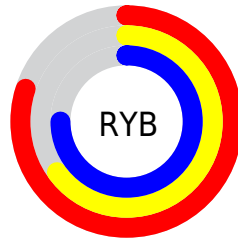
# Distribution



Red (80%)

Green (65%)

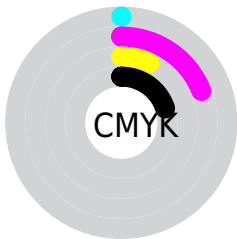
Blue (75%)



Red (80%)

Yellow (65%)

Blue (75%)

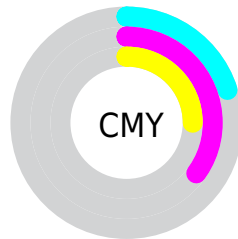


Cyan (0%)

Magenta (19%)

Yellow (7%)

Black (20%)



Cyan (20%)

Magenta (35%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CDA7BF 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 CDA7BF by changing the saturation by 10% instead.




 CDA7BF

FFFFFF

 FFDEF7

 FFBFF

 CDA7BF

 B18DA4

 96738A

 7C5A70

 634258

 4B2C40

 34162A

 200016

 000000

 CDA7BF

 CDA7BF

CD93B7

CDBBC7

CD7EB0

CDD0CE

CD6AA8

CDE4D6

CD55A1

CDF9DD

CD4199

CDFFE5

CD2C92

CDFFEC

CD188A

CDFFF4

CD0383

CDFFFB

CD0081

CDFFFF

# Harmonies

## Analogous

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



BBACCD



CDA7BF



D6A5AD

# Triad

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



CDA7BF



BAB28F



83BBC7

# Complementary

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



CDA7BF



A7CDB5

# 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.



85BCB6



CDA7BF



A6B796

# Square

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



CDA7BF



CBAC92



93BBA4



8FB7D2

# Rectangle

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



CDA7BF



D6A6A2



93BBA4



82BBC2



# Sweetspot

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



CDA7BF



FFF0F9



B5A7CD



80777C



000000



808080



# Same Dimension

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



CDA7BF



FFC7EA



CDA7AC



665C62



A60069



260018



# Inverse Universe

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



CDA7BF



FFC7EA



A7CDC8



665C62



A60069

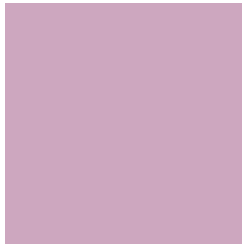


260018



# Previews

## White Background



This preview shows how the Hex color CDA7BF looks on a white background.

## Color Contrast Check

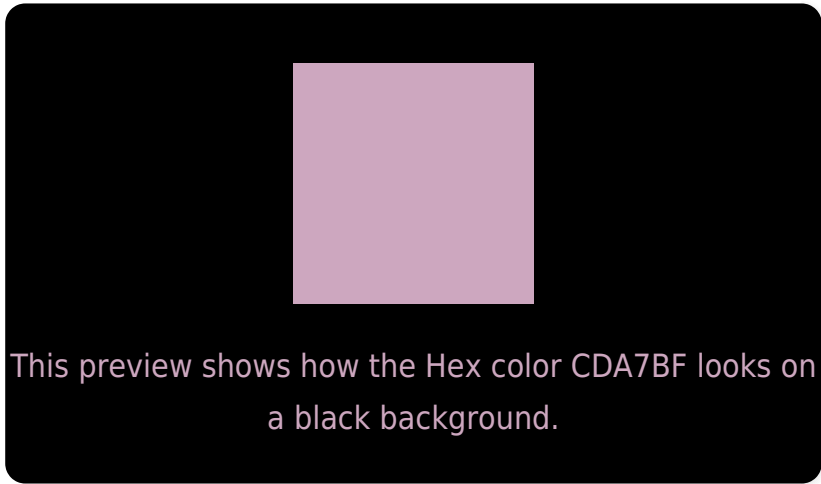
Large Text (above 18pt) WCAG AA × Fail

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

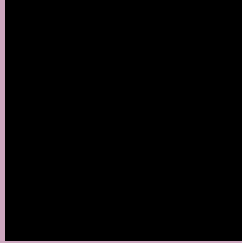
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CDA7BF Background



This preview shows how black text looks on a background with the Hex color CDA7BF.

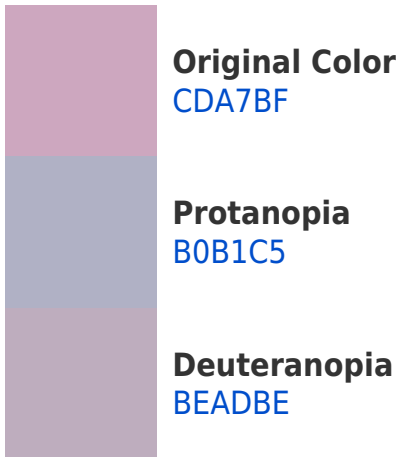


This preview shows how white text looks on a background with the Hex color CDA7BF.

# 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**  
CCA9B6

# Trichromacy



**Original Color**  
CDA7BF

**Protanomaly**  
BBADC3

**Deuteranomaly**  
C3ABBE

**Tritanomaly**  
CCA8B9

# Monochromacy



**Original Color**  
CDA7BF

**Achromatopsia**  
B5B5B5

**Achromatomaly**  
BEB0B9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CDA7BF 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 #CDA7BF looks like.

```
.text, #text, p{  
    color:#CDA7BF  
}
```

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 #CDA7BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDA7BF  
}
```

## Border

The CSS property to change the border of an element to Hex CDA7BF 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  
#CDA7BF }
```

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

```
.border{ border-color:#CDA7BF }
```

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

Here you see how a box with a 4 pixel #CDA7BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDA7BF; -webkit-box-shadow:4px 4px  
4px 4px #CDA7BF; box-shadow:4px 4px 4px  
4px #CDA7BF }
```

# Background

The CSS property to change the background color of an element to Hex CDA7BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDA7BF }
```

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

```
.background{ background-color:#CDA7BF }
```

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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