

# Converting Colors

Hex(CD99AC)

Have a look what the booklet for  
Hex(CD99AC) contains.

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# **Color**

**Hex(CD99AC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CD99AC
RGB	205, 153, 172
RGB Percent	80%, 60%, 67%
CMY	0.1961, 0.4000, 0.3255
CMYK	0.00, 0.25, 0.16, 0.20
HSL	338°, 34%, 70%
HSV	338°, 25%, 80%
XYZ	44.0145, 38.7402, 44.1875
YIQ	170.7140, 24.8930, 16.9330

# Conversions

## Conversions Part 2

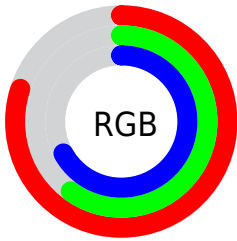
Format	Color
R <sub>Y</sub> B	205, 153, 172
Decimal	13474220
CIE Lab	68.56, 22.34, -2.28
CIE LCh	69, 22.453, 354.183
Yxy	38.7402, 0.3467, 0.3052
Android (android.graphics.Color)	4291664300 (0xFFCD99AC)
YUV	170.7140, 0.6340, 30.0688
Hunter-Lab	62.2416, 17.3044, 1.4770

# Details

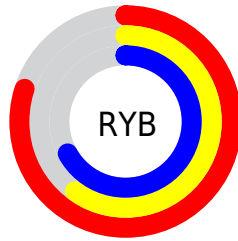
The Hex color **CD99AC** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **99CDBA**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFD0E3**, and **966678** is the 20% darker color. If you saturate the color by 10%, you get **CD849F**, and if you desaturate by 10%, it is **CDAEB9**.

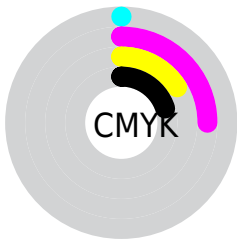
# Distribution



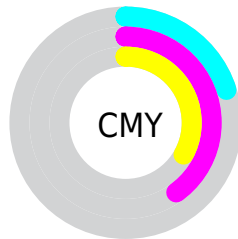
- Red (80%)
- Green (60%)
- Blue (67%)



- Red (80%)
- Yellow (60%)
- Blue (67%)



- Cyan (0%)
- Magenta (25%)
- Yellow (16%)
- Black (20%)



- Cyan (20%)
- Magenta (40%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CD99AC 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 CD99AC by changing the saturation by 10% instead.



 CD99AC

 CD99AC

FFFFFF

 B17F91

 FFD0E3

 966678

 FFECFF

 7C4D5F

 623647

 491F31

 32091C

 1E0001

 000000

 CD99AC

 CD99AC

 CD849F

 CDAEB9

 CD7092

 CDC2C6

 CD5C85

 CDD7D3

 CD4778

 CDEBE0

 CD326B

 CDFFED

 CD1E5E

 CDFFFA

 CD0951

 CDFFFF

 CD004B

# Harmonies

## Analogous

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



BE9DBF



CD99AC



D19998

# Triad

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



CD99AC



A5AB82



74B0C7

# Complementary

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



CD99AC



99CDBA

# 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.



6EB2B7



CD99AC



8EB08F

# Square

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



CD99AC



BAA57F



79B3A2



8AAACF

# Rectangle

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



CD99AC



CD9C8C



79B3A2



70B1C3



# Sweetspot

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



CD99AC



FFEBF2



BA99CD



807377



000000



808080



# Same Dimension

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



CD99AC



FFB3CE



CDA099



665C60



A6003D



26000E



# Inverse Universe

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



CD99AC



FFB3CE



99C6CD



665C60



A6003D

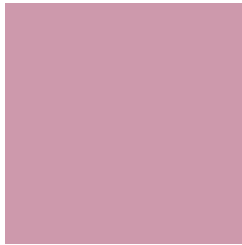


26000E



# Previews

## White Background



This preview shows how the Hex color CD99AC looks on a white background.

## Color Contrast Check

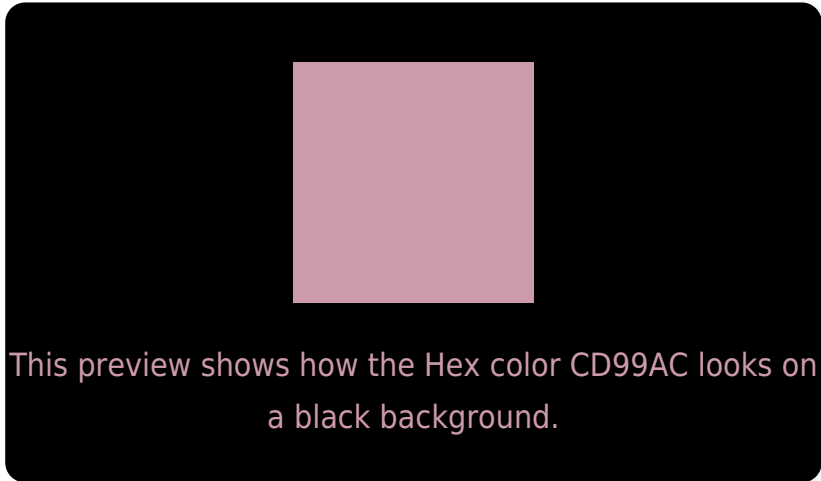
Large Text (above 18pt) WCAG AA × Fail

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

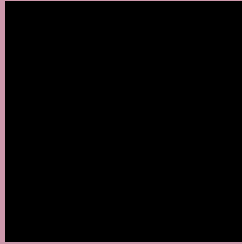
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CD99AC Background



This preview shows how black text looks on a background with the Hex color CD99AC.

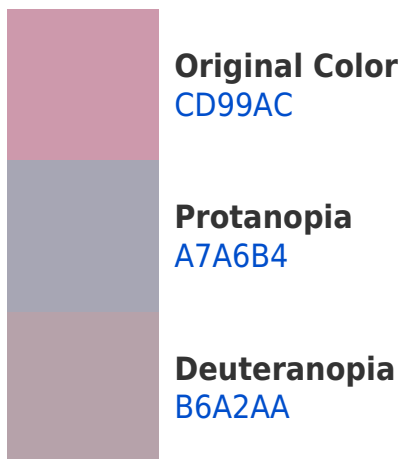


This preview shows how white text looks on a background with the Hex color CD99AC.

# 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**  
CC9AA6

# Trichromacy



**Original Color**  
CD99AC

**Protanomaly**  
B5A1B1

**Deuteranomaly**  
BE9FAB

**Tritanomaly**  
CC9AA8

# Monochromacy



**Original Color**  
CD99AC

**Achromatopsia**  
ABABAB

**Achromatomaly**  
B7A4AB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CD99AC 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 #CD99AC looks like.

```
.text, #text, p{  
  color:#CD99AC  
}
```

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 #CD99AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD99AC
}
```

## Border

The CSS property to change the border of an element to Hex CD99AC 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
#CD99AC }
```

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

```
.border{ border-color:#CD99AC }
```

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

Here you see how a box with a 4 pixel #CD99AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD99AC; -webkit-box-shadow:4px 4px  
4px 4px #CD99AC; box-shadow:4px 4px 4px  
4px #CD99AC }
```

# Background

The CSS property to change the background color of an element to Hex CD99AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD99AC }
```

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

```
.background{ background-color:#CD99AC }
```

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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