

# Converting Colors

Hex(CC7DAB)

Have a look what the booklet for  
Hex(CC7DAB) contains.

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# **Color**

**Hex(CC7DAB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CC7DAB
RGB	204, 125, 171
RGB Percent	80%, 49%, 67%
CMY	0.2000, 0.5098, 0.3294
CMYK	0.00, 0.39, 0.16, 0.20
HSL	325°, 44%, 65%
HSV	325°, 39%, 80%
XYZ	39.5861, 30.4449, 42.3181
YIQ	153.8650, 32.3180, 31.0540

# Conversions

## Conversions Part 2

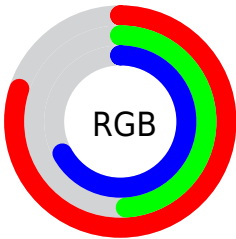
<b>Format</b>	<b>Color</b>
<b>RYB</b>	204, 125, 171
Decimal	13401515
CIELab	62.04, 37.03, -11.41
CIElCh	62, 38.753, 342.877
Yxy	30.4449, 0.3523, 0.2710
Android (android.graphics.Color)	4291591595 (0xFFCC7DAB)
YUV	153.8650, 8.4476, 43.9684
Hunter-Lab	55.1769, 31.5037, -6.8489

# Details

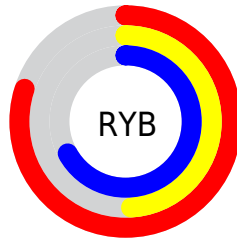
The Hex color **CC7DAB** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **7DCC9E**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FFB3E2**, and **944A77** is the 20% darker color. If you saturate the color by 10%, you get **CC69A2**, and if you desaturate by 10%, it is **CC91B4**.

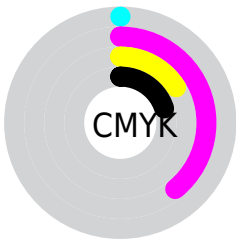
# Distribution



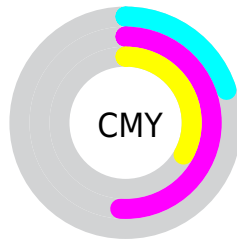
- Red (80%)
- Green (49%)
- Blue (67%)



- Red (80%)
- Yellow (49%)
- Blue (67%)



- Cyan (0%)
- Magenta (39%)
- Yellow (16%)
- Black (20%)



- Cyan (20%)
- Magenta (51%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC7DAB 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 CC7DAB by changing the saturation by 10% instead.



 CC7DAB

 CC7DAB

FFFFFF

 B06390

 FFB3E2

 944A77

 FFCFFF

 79315E

 FFEBFF

 5F1846

 460030

 2F001B

 070000

 000000

 CC7DAB

 CC7DAB

 CC69A2

 CC91B4

 CC549A

 CCA6BC

 CC4091

 CCBAC5

 CC2B89

 CCCFCD

 CC1780

 CCE3D6

 CC0378

 CCF7DE

 CC0077

 CCFFE7

 CCFFE7

 CCFFF8

# Harmonies

## Analogous

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



AC87C8



CC7DAB



D87B88

# Triad

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



CC7DAB



9D9951



00A6C4

# Complementary

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



CC7DAB



7DCC9E

# 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.



00A8A4



CC7DAB



77A162

# Square

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



CC7DAB



BC8D54



49A781



349FD7

# Rectangle

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



CC7DAB



D67E72



49A781



00A7BA



# Sweetspot

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



CC7DAB



FFE0F2



9E7DCC



806E78



000000



808080



# Same Dimension

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



CC7DAB



FF8ACE



CC7D84



665C62



A60061



260016



# Inverse Universe

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



CC7DAB



FF8ACE



7DCCC5



665C62



A60061

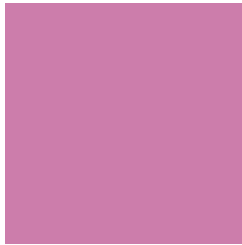


260016



# Previews

## White Background



This preview shows how the Hex color CC7DAB looks on a white background.

## Color Contrast Check

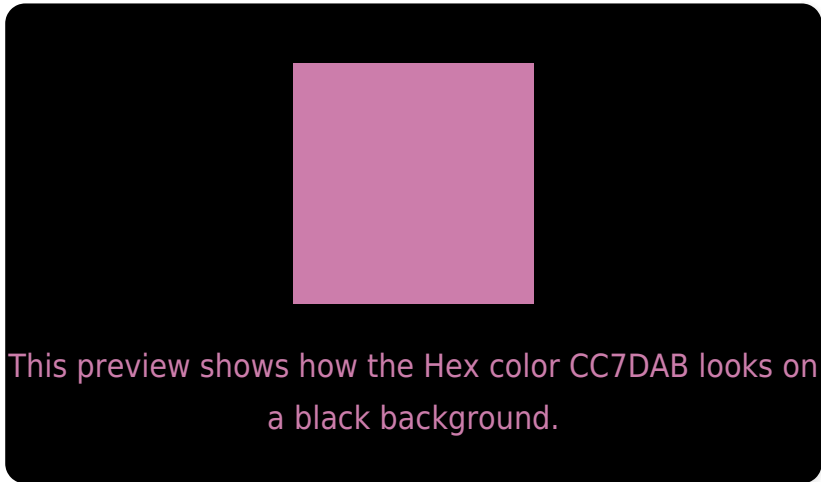
Large Text (above 18pt) WCAG AA × Fail

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 CC7DAB Background



This preview shows how black text looks on a background with the Hex color CC7DAB.

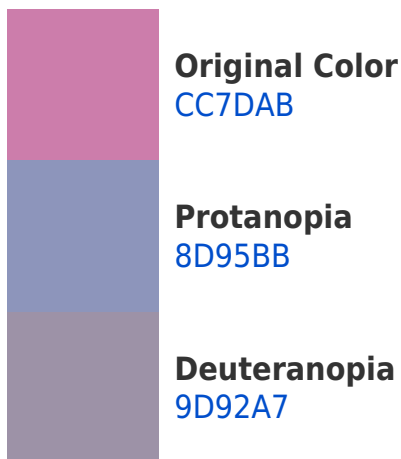



This preview shows how white text looks on a background with the Hex color CC7DAB.

# 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**  
C9838D

# Trichromacy



**Original Color**  
CC7DAB



**Protanomaly**  
A48CB5



**Deuteranomaly**  
AE8AA8

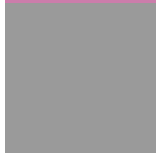


**Tritanomaly**  
CA8198

# Monochromacy



**Original Color**  
CC7DAB



**Achromatopsia**  
9A9A9A



**Achromatomaly**  
AC8FA0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC7DAB 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 #CC7DAB looks like.

```
.text, #text, p{  
    color:#CC7DAB  
}
```

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 #CC7DAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC7DAB
}
```

## Border

The CSS property to change the border of an element to Hex CC7DAB 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
#CC7DAB }
```

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

```
.border{ border-color:#CC7DAB }
```

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

Here you see how a box with a 4 pixel #CC7DAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC7DAB; -webkit-box-shadow:4px 4px  
4px 4px #CC7DAB; box-shadow:4px 4px 4px  
4px #CC7DAB }
```

# Background

The CSS property to change the background color of an element to Hex CC7DAB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC7DAB }
```

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

```
.background{ background-color:#CC7DAB }
```

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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