

# Converting Colors

Hex(CAA7B8)

Have a look what the booklet for  
Hex(CAA7B8) contains.

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# **Color**

**Hex(CAA7B8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CAA7B8
RGB	202, 167, 184
RGB Percent	79%, 65%, 72%
CMY	0.2078, 0.3451, 0.2784
CMYK	0.00, 0.17, 0.09, 0.21
HSL	331°, 25%, 72%
HSV	331°, 17%, 79%
XYZ	46.8276, 43.6547, 51.3055
YIQ	179.4030, 15.4030, 12.7070

# Conversions

## Conversions Part 2

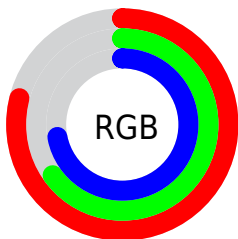
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	202, 167, 184
Decimal	13281208
CIE Lab	72.00, 15.61, -3.91
CIE LCh	72, 16.089, 345.925
Yxy	43.6547, 0.3303, 0.3079
Android (android.graphics.Color)	4291471288 (0xFFCAA7B8)
YUV	179.4030, 2.2663, 19.8176
Hunter-Lab	66.0717, 10.8844, 0.2107

# Details

The Hex color **CAA7B8** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **A7CAB9**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFDEF0**, and **947383** is the 20% darker color. If you saturate the color by 10%, you get **CA93AE**, and if you desaturate by 10%, it is **CABBC2**.

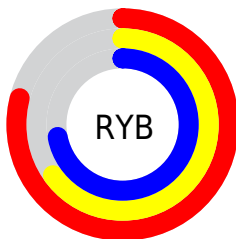
# Distribution



Red (79%)

Green (65%)

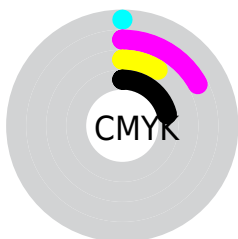
Blue (72%)



Red (79%)

Yellow (65%)

Blue (72%)

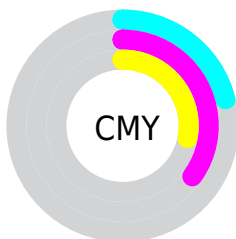


Cyan (0%)

Magenta (17%)

Yellow (9%)

Black (21%)



Cyan (21%)

Magenta (35%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CAA7B8 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 CAA7B8 by changing the saturation by 10% instead.



CAA7B8

CAA7B8

FFFFFF

AE8D9D

FFDEF0

947383

FFFBFF

7A5A6A

614352

482C3B

311725

1E0010

000000

CAA7B8

CAA7B8

CA93AE

CABBC2

CA7FA3

CACFCD

CA6A99

CAE4D7

CA568E

CAF8E2

CA4284

CAFFEC

CA2E7A

CAFFF6

CA1A6F

CAFFFF

CA0565

CA0062

# Harmonies

## Analogous

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



BDAAC5



CAA7B8



D0A6A9

# Triad

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



CAA7B8



B4B294



8CB7C5

# Complementary

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



CAA7B8



A7CAB9

# 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.



8BB9B8



CAA7B8



A3B69C

# Square

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



CAA7B8



C3AD94



94B9A9



98B4CD

# Rectangle

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



CAA7B8



CFA8A0



94B9A9



8AB8C1



# Sweetspot

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



CAA7B8



FFF2F8



B9A7CA



80787C



000000



808080



# Same Dimension

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



CAA7B8



FFC9E3



CAA7A7



665C61



A60051



260013



# Inverse Universe

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



CAA7B8



FFC9E3



A7CACA



665C61



A60051

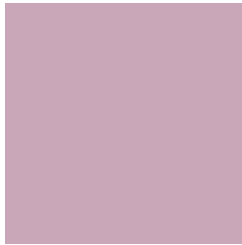


260013



# Previews

## White Background



This preview shows how the Hex color CAA7B8 looks on a white background.

## Color Contrast Check

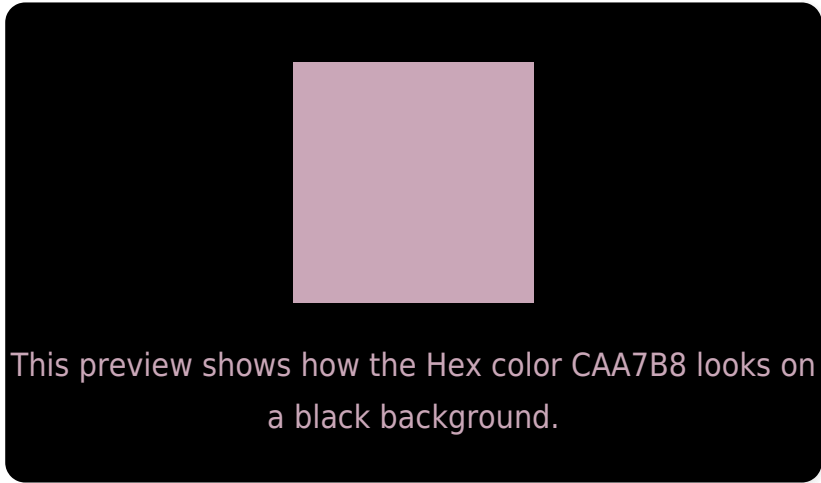
Large Text (above 18pt) WCAG AA × Fail

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 CAA7B8 Background



This preview shows how black text looks on a background with the Hex color CAA7B8.



This preview shows how white text looks on a background with the Hex color CAA7B8.

# 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



**Original Color**  
CAA7B8

**Protanopia**  
B0B0BD

**Deuteranopia**  
BFABB7



**Tritanopia**  
CAA8B5

# Trichromacy



**Original Color**  
CAA7B8

**Protanomaly**  
B9ADBB

**Deuteranomaly**  
C3AAB7

**Tritanomaly**  
CAA8B6

# Monochromacy



**Original Color**  
CAA7B8

**Achromatopsia**  
B3B3B3

**Achromatomaly**  
BBAFB5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CAA7B8 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 #CAA7B8 looks like.

```
.text, #text, p{  
    color:#CAA7B8  
}
```

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 #CAA7B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAA7B8  
}
```

## Border

The CSS property to change the border of an element to Hex CAA7B8 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  
#CAA7B8 }
```

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

```
.border{ border-color:#CAA7B8 }
```

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

Here you see how a box with a 4 pixel #CAA7B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAA7B8; -webkit-box-shadow:4px 4px  
4px 4px #CAA7B8; box-shadow:4px 4px 4px  
4px #CAA7B8 }
```

# Background

The CSS property to change the background color of an element to Hex CAA7B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAA7B8 }
```

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

```
.background{ background-color:#CAA7B8 }
```

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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