

Converting Colors

Hex(CA97B8)

Have a look what the booklet for
Hex(CA97B8) contains.

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Color

Hex(CA97B8)

Conversions

Conversions Part 1

Format	Color
Hex	CA97B8
RGB	202, 151, 184
RGB Percent	79%, 59%, 72%
CMY	0.2078, 0.4078, 0.2784
CMYK	0.00, 0.25, 0.09, 0.21
HSL	321°, 32%, 69%
HSV	321°, 25%, 79%
XYZ	44.0755, 38.1505, 50.3881
YIQ	170.0110, 19.8030, 21.0750

Conversions

Conversions Part 2

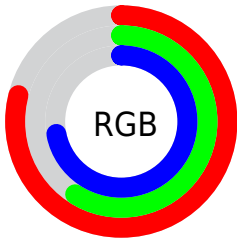
Format	Color
R _Y B	202, 151, 184
Decimal	13277112
CIE Lab	68.13, 24.38, -9.64
CIE LCh	68, 26.214, 338.413
Yxy	38.1505, 0.3324, 0.2877
Android (android.graphics.Color)	4291467192 (0xFFCA97B8)
YUV	170.0110, 6.8966, 28.0544
Hunter-Lab	61.7661, 19.2847, -5.1320

Details

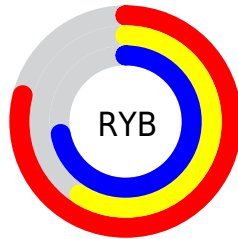
The Hex color **CA97B8** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **97CAA9**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFCEF0**, and **936483** is the 20% darker color. If you saturate the color by 10%, you get **CA83B1**, and if you desaturate by 10%, it is **CAABBF**.

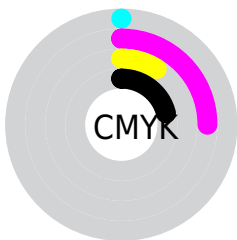
Distribution



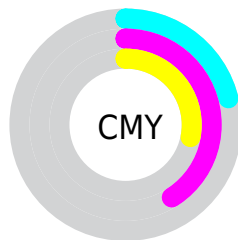
- Red (79%)
- Green (59%)
- Blue (72%)



- Red (79%)
- Yellow (59%)
- Blue (72%)



- Cyan (0%)
- Magenta (25%)
- Yellow (9%)
- Black (21%)



- Cyan (21%)
- Magenta (41%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA97B8 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 CA97B8 by changing the saturation by 10% instead.

CA97B8

CA97B8

FFFFFF

AE7D9D

FFCEFO

936483

FFEAFF

794B6A

603452

471D3B

300725

1B000F

000000

CA97B8

CA97B8

CA83B1

CAABBF

CA6FAA

CABFC6

CA5AA3

CAD4CD

CA469B

CAE8D5

CA3294

CAF CDC

CA1E8D

CAFFE3

CA0A86

CAFFEA

CA0083

CAFFF1

CAFFF8

Harmonies

Analogous

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



B29ECB



CA97B8



D595A0

Triad

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



CA97B8



B1A777



5FB2C3

Complementary

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



CA97B8



97CAA9

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.



65B3AC



CA97B8



96AD80

Square

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



CA97B8



C69F7B



7BB294



72ADD1

Rectangle

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



CA97B8



D69691



7BB294



5EB3BC

Sweetspot

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



CA97B8



FFEBF8



A997CA



80737B



000000



808080

Same Dimension

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



CA97B8



FFB3E4



CA979F



665C62



A6006B



260019

Inverse Universe

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



CA97B8



FFB3E4



97CAC2



665C62



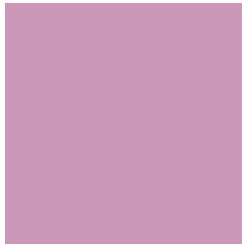
A6006B



260019

Previews

White Background



This preview shows how the Hex color CA97B8 looks on a white background.

Color Contrast Check

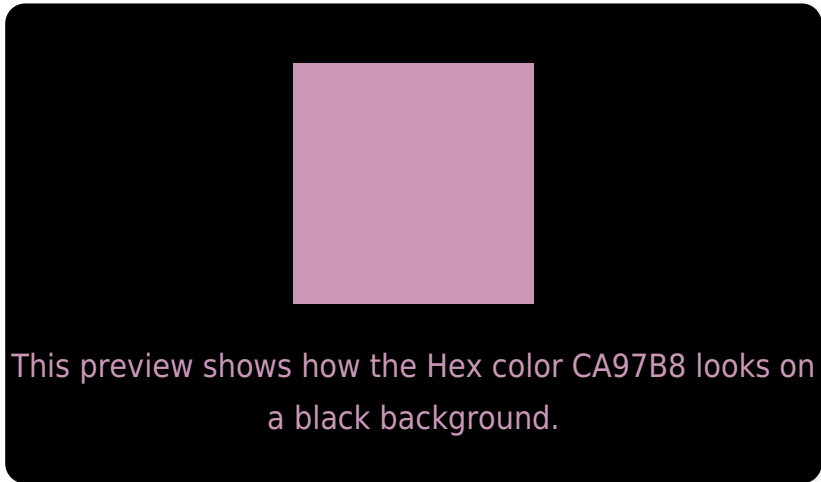
Large Text (above 18pt) WCAG AA × Fail

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

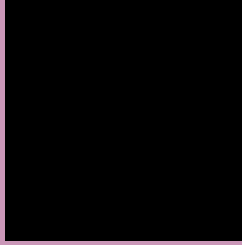
Any Text WCAG AA ✓ Pass

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 CA97B8 Background



This preview shows how black text looks on a background with the Hex color CA97B8.

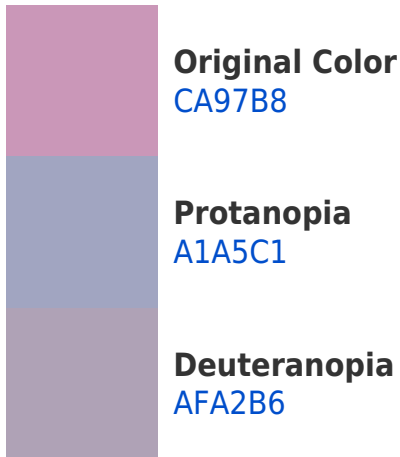



This preview shows how white text looks on a background with the Hex color CA97B8.

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
C89AA6

Trichromacy



Original Color
CA97B8

Protanomaly
B0A0BE

Deuteranomaly
B99EB7

Tritanomaly
C999AD

Monochromacy



Original Color
CA97B8

Achromatopsia
AAAAAA

Achromatomaly
B6A3AF

CSS Examples

Text

The CSS property to change the color of the text to Hex CA97B8 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 #CA97B8 looks like.

```
.text, #text, p{  
    color:#CA97B8  
}
```

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 #CA97B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA97B8
}
```

Border

The CSS property to change the border of an element to Hex CA97B8 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
#CA97B8 }
```

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

```
.border{ border-color:#CA97B8 }
```

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

Here you see how a box with a 4 pixel #CA97B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA97B8; -webkit-box-shadow:4px 4px  
4px 4px #CA97B8; box-shadow:4px 4px 4px  
4px #CA97B8 }
```

Background

The CSS property to change the background color of an element to Hex CA97B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA97B8 }
```

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

```
.background{ background-color:#CA97B8 }
```

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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