

Converting Colors

Hex(CA7B9A)

Have a look what the booklet for
Hex(CA7B9A) contains.

Hex(CA7B9A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(CA7B9A)

Conversions

Conversions Part 1

Format	Color
Hex	CA7B9A
RGB	202, 123, 154
RGB Percent	79%, 48%, 60%
CMY	0.2078, 0.5176, 0.3961
CMYK	0.00, 0.39, 0.24, 0.21
HSL	336°, 43%, 64%
HSV	336°, 39%, 79%
XYZ	37.2728, 29.0556, 34.2156
YIQ	150.1550, 37.1330, 26.3890

Conversions

Conversions Part 2

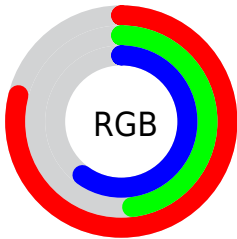
Format	Color
R _Y B	202, 123, 154
Decimal	13269914
CIE Lab	60.83, 34.81, -3.51
CIE LCh	61, 34.987, 354.249
Yxy	29.0556, 0.3707, 0.2890
Android (android.graphics.Color)	4291459994 (0xFFCA7B9A)
YUV	150.1550, 1.8956, 45.4681
Hunter-Lab	53.9032, 29.0979, 0.0973

Details

The Hex color **CA7B9A** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **7BCAAB**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FFB1D0**, and **924867** is the 20% darker color. If you saturate the color by 10%, you get **CA678E**, and if you desaturate by 10%, it is **CA8FA6**.

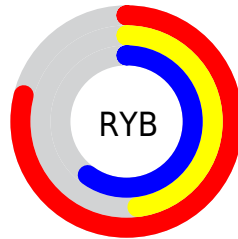
Distribution



Red (79%)

Green (48%)

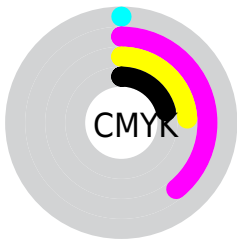
Blue (60%)



Red (79%)

Yellow (48%)

Blue (60%)

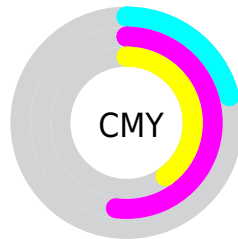


Cyan (0%)

Magenta (39%)

Yellow (24%)

Black (21%)



Cyan (21%)

Magenta (52%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA7B9A 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 CA7B9A by changing the saturation by 10% instead.

CA7B9A

CA7B9A

FFFFFF

AE6180

FFB1D0

924867

FFCDED

77304F

FFE9FF

5D1738

430023

2E000D

000000

CA7B9A

CA7B9A

CA678E

CA8FA6

CA5381

CAA3B3

CA3E75

CAB8BF

CA2A69

CACCCB

CA165D

CAE0D7

CA0250

CAF4E4

CA004F

CAFFF0

CAFFFC

CAFFFF

Harmonies

Analogous

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



B482B7



CA7B9A



CF7C7B

Triad

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



CA7B9A



8D9959



1A9FC4

Complementary

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



CA7B9A



7BCAAB

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.



00A3AB



CA7B9A



699F6E

Square

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



CA7B9A



AC8F55



3FA38C



5A98D0

Rectangle

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



CA7B9A



C98169



3FA38C



00A1BD

Sweetspot

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



CA7B9A



FFE0EC



AA7BCA



806E75



000000



808080

Same Dimension

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



CA7B9A



FF87B6



CA837B



665C60



A60041



26000F

Inverse Universe

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



CA7B9A



FF87B6



7BC2CA



665C60



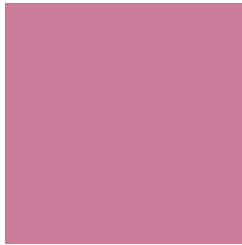
A60041



26000F

Previews

White Background



This preview shows how the Hex color CA7B9A looks on a white background.

Color Contrast Check

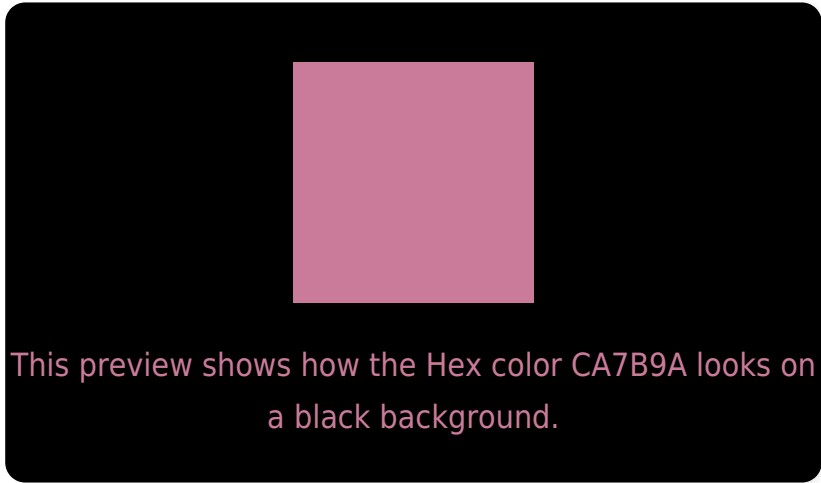
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Hex CA7B9A Background



This preview shows how black text looks on a background with the Hex color CA7B9A.



This preview shows how white text looks on a background with the Hex color CA7B9A.

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
C87E88

Trichromacy



Original Color
CA7B9A



Protanomaly
A48AA3



Deuteranomaly
AF8898



Tritanomaly
C97D8F

Monochromacy



Original Color
CA7B9A



Achromatopsia
969696



Achromatomaly
A98C97

CSS Examples

Text

The CSS property to change the color of the text to Hex CA7B9A 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 #CA7B9A looks like.

```
.text, #text, p{  
    color:#CA7B9A  
}
```

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 #CA7B9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA7B9A
}
```

Border

The CSS property to change the border of an element to Hex CA7B9A 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
#CA7B9A }
```

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

```
.border{ border-color:#CA7B9A }
```

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

Here you see how a box with a 4 pixel #CA7B9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA7B9A; -webkit-box-shadow:4px 4px  
4px 4px #CA7B9A; box-shadow:4px 4px 4px  
4px #CA7B9A }
```

Background

The CSS property to change the background color of an element to Hex CA7B9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA7B9A }
```

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

```
.background{ background-color:#CA7B9A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor