

# Converting Colors

Hex(CCA79A)

Have a look what the booklet for  
Hex(CCA79A) contains.

<b>Hex(CCA79A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(CCA79A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CCA79A
RGB	204, 167, 154
RGB Percent	80%, 65%, 60%
CMY	0.2000, 0.3451, 0.3961
CMYK	0.00, 0.18, 0.25, 0.20
HSL	16°, 33%, 70%
HSV	16°, 25%, 80%
XYZ	44.5533, 42.8079, 36.4864
YIQ	176.5810, 26.2250, 3.8010

# Conversions

## Conversions Part 2

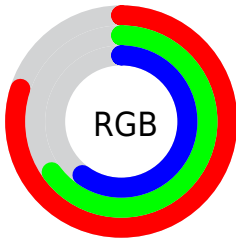
Format	Color
R <sub>Y</sub> B	204, 172, 154
Decimal	13412250
CIE Lab	71.42, 11.57, 11.82
CIE LCh	71, 16.540, 45.589
Yxy	42.8079, 0.3597, 0.3456
Android (android.graphics.Color)	4291602330 (0xFFCCA79A)
YUV	176.5810, -11.1324, 24.0465
Hunter-Lab	65.4277, 7.0518, 12.7358

# Details

The Hex color **CCA79A** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **9ABFCC**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FFDED0**, and **957367** is the 20% darker color. If you saturate the color by 10%, you get **CC9886**, and if you desaturate by 10%, it is **CCB6AE**.

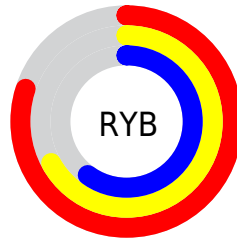
# Distribution



Red (80%)

Green (65%)

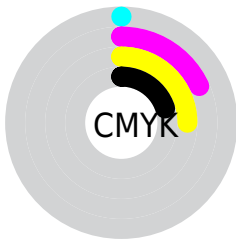
Blue (60%)



Red (80%)

Yellow (67%)

Blue (60%)

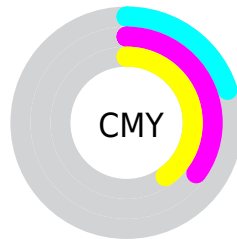


Cyan (0%)

Magenta (18%)

Yellow (25%)

Black (20%)



Cyan (20%)

Magenta (35%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CCA79A 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 CCA79A by changing the saturation by 10% instead.



CCA79A

CCA79A

FFFFFF

B08D80

FFDED0

957367

FFFBED

7B5A4F

614338

492D23

31180D

1C0000

000000

CCA79A

CCA79A

 CC9886

 CCB6AE

 CC8971

 CCC5C3

 CC7A5D

 CCD4D7

 CC6B48

 CCE3EC

 CC5C34

 CCF2FF

 CC4C20

 CCFFFF

 CC3D0B

 CC3500

# Harmonies

## Analogous

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



CFA5A7



CCA79A



C2AB92

# Triad

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



CCA79A



92B7A7



A8AECC

# Complementary

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



CCA79A



9ABFCC

# 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.



96B2CC



CCA79A



88B8B6

# Square

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



CCA79A



A1B59A



89B6C4



BBA9C4

# Rectangle

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



CCA79A



B8AF91



89B6C4



A2AFCD



# Sweetspot

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



CCA79A



FFF2ED



CC9AC0



807875



000000



808080



# Same Dimension

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



CCA79A



FFC8B5



CCC09A



665E5C



A62B00



260A00

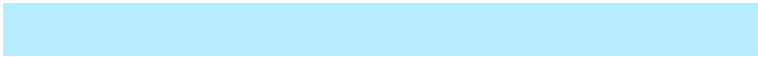


# Inverse Universe

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



9ABFCC



B5ECFF



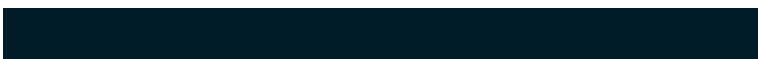
9AA7CC



5C6366



007BA6



001C26



# Previews

## White Background



This preview shows how the Hex color CCA79A looks on a white background.

## Color Contrast Check

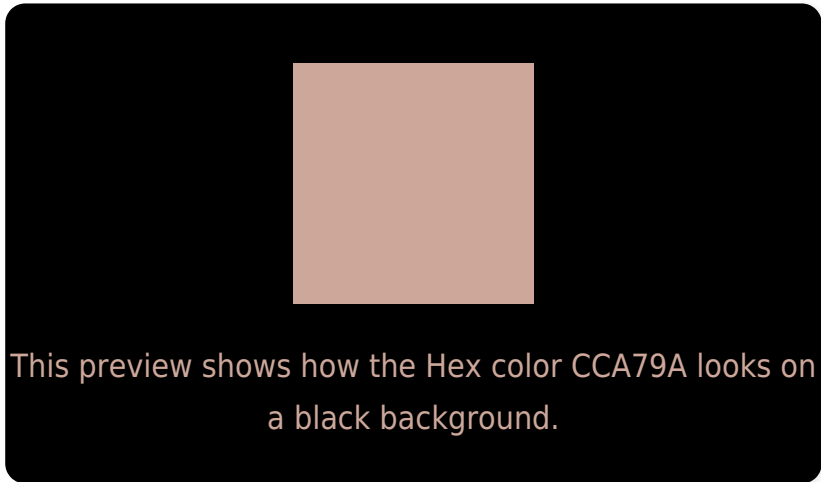
Large Text (above 18pt) WCAG AA × Fail

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

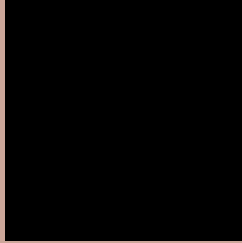
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CCA79A Background



This preview shows how black text looks on a background with the Hex color CCA79A.

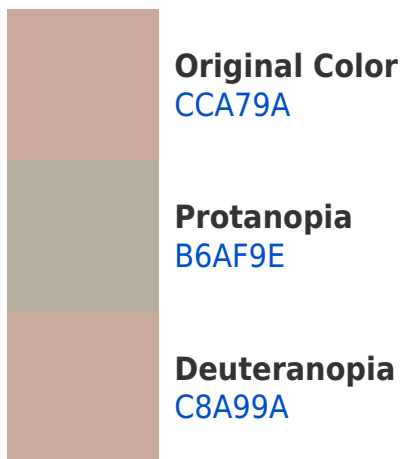


This preview shows how white text looks on a background with the Hex color CCA79A.

# 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](#).

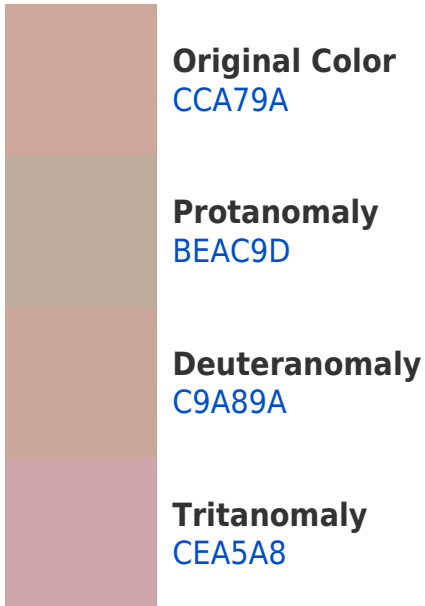
## Dichromacy



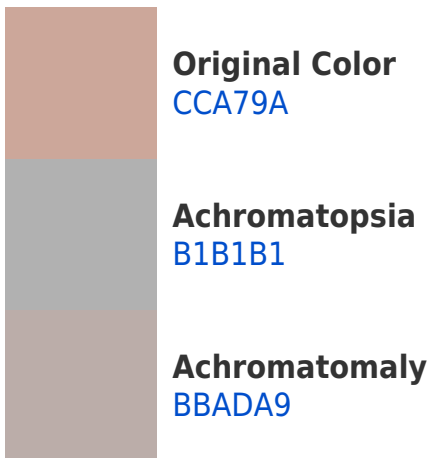


**Tritanopia**  
CFA4B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CCA79A 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 #CCA79A looks like.

```
.text, #text, p{  
    color:#CCA79A  
}
```

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 #CCA79A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCA79A
}
```

## Border

The CSS property to change the border of an element to Hex CCA79A 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
#CCA79A }
```

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

```
.border{ border-color:#CCA79A }
```

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

Here you see how a box with a 4 pixel #CCA79A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCA79A; -webkit-box-shadow:4px 4px  
4px 4px #CCA79A; box-shadow:4px 4px 4px  
4px #CCA79A }
```

# Background

The CSS property to change the background color of an element to Hex CCA79A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCA79A }
```

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

```
.background{ background-color:#CCA79A }
```

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