

# Converting Colors

Hex(CA8796)

Have a look what the booklet for  
Hex(CA8796) contains.

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# **Color**

**Hex(CA8796)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CA8796
RGB	202, 135, 150
RGB Percent	79%, 53%, 59%
CMY	0.2078, 0.4706, 0.4118
CMYK	0.00, 0.33, 0.26, 0.21
HSL	347°, 39%, 66%
HSV	347°, 33%, 79%
XYZ	38.5261, 32.0865, 33.0169
YIQ	156.7430, 35.1170, 18.8690

# Conversions

## Conversions Part 2

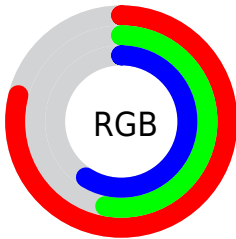
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	202, 135, 150
Decimal	13272982
CIE <sub>Lab</sub>	63.41, 27.73, 2.56
CIE <sub>LCh</sub>	63, 27.849, 5.265
Yxy	32.0865, 0.3718, 0.3096
Android (android.graphics.Color)	4291463062 (0xFFCA8796)
YUV	156.7430, -3.3243, 39.6904
Hunter-Lab	56.6450, 22.2751, 5.0928

# Details

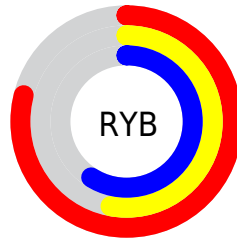
The Hex color **CA8796** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **87CABB**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FFBDCC**, and **925463** is the 20% darker color. If you saturate the color by 10%, you get **CA7386**, and if you desaturate by 10%, it is **CA9BA6**.

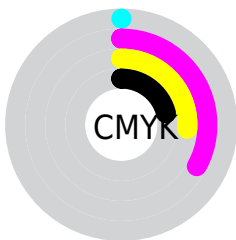
# Distribution



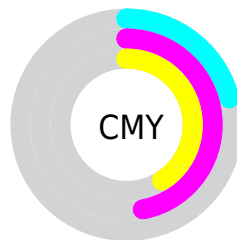
- Red (79%)
- Green (53%)
- Blue (59%)



- Red (79%)
- Yellow (53%)
- Blue (59%)



- Cyan (0%)
- Magenta (33%)
- Yellow (26%)
- Black (21%)



- Cyan (21%)
- Magenta (47%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CA8796 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 CA8796 by changing the saturation by 10% instead.



 CA8796

 CA8796

FFFFFF

 AE6D7C

 FFBDC

 925463

 FFD9E8

 783C4C

 FFF6FF

 5E2535

 440D20

 2E0008

 000000

 CA8796

 CA8796

 CA7386

 CA9BA6

■ CA5F77

■ CAAF5

■ CA4A67

■ CAC4C5

■ CA3657

■ CAD8D5

■ CA2248

■ CAECE4

■ CA0E38

■ CAFFF4

■ CA002D

■ CAFFFF

# Harmonies

## Analogous

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



BD8AAF



CA8796



C98A7E

# Triad

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



CA8796



8CA170



5CA2C6

# Complementary

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



CA8796



87CABB

# 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.



4AA6B5



CA8796



6FA584

# Square

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



CA8796



A79968



54A79D



809ACB

# Rectangle

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



CA8796



C28E72



54A79D



53A3C2



# Sweetspot

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



CA8796



FFE6EB



BA87CA



807074



000000



808080



# Same Dimension

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



CA8796



FF99B0



CA9987



665C5E



A60025



260009



# Inverse Universe

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



CA8796



FF99B0



87B8CA



665C5E



A60025

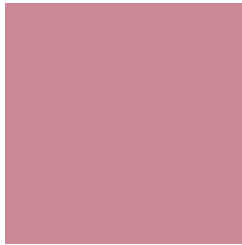


260009



# Previews

## White Background



This preview shows how the Hex color CA8796 looks on a white background.

## Color Contrast Check

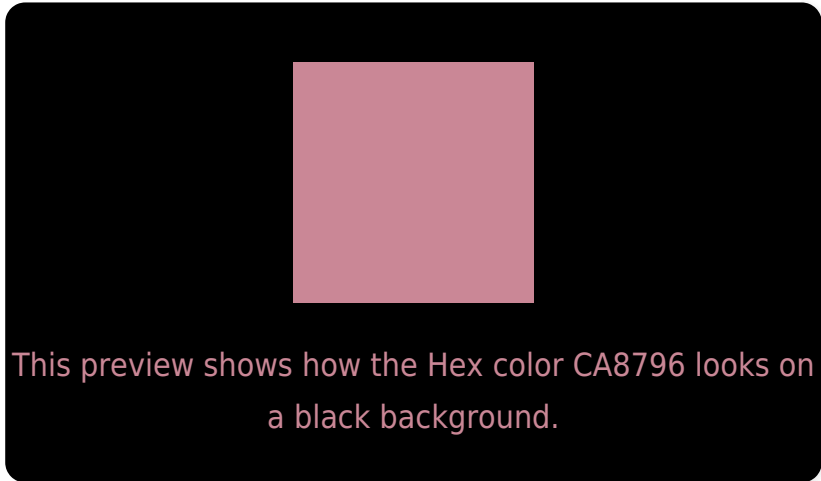
Large Text (above 18pt) WCAG AA × Fail

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 CA8796 Background



This preview shows how black text looks on a background with the Hex color CA8796.

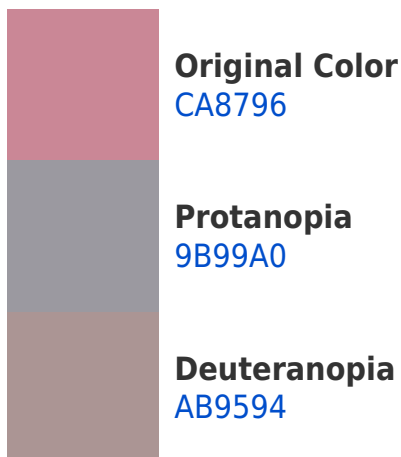


This preview shows how white text looks on a background with the Hex color CA8796.

# 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**  
CA8892

# Trichromacy



**Original Color**  
CA8796

**Protanomaly**  
AC929C

**Deuteranomaly**  
B69095

**Tritanomaly**  
CA8893

# Monochromacy



**Original Color**  
CA8796

**Achromatopsia**  
9D9D9D

**Achromatomaly**  
AD959A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CA8796 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 #CA8796 looks like.

```
.text, #text, p{  
    color:#CA8796  
}
```

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 #CA8796 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA8796
}
```

## Border

The CSS property to change the border of an element to Hex CA8796 is called "border". The border property can be set on classes, ids or directly on the HTML element.

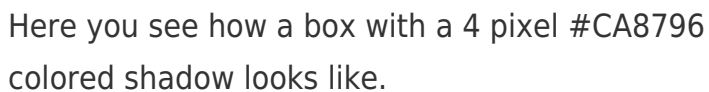
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CA8796 }
```

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

```
.border{ border-color:#CA8796 }
```

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



Here you see how a box with a 4 pixel #CA8796 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA8796; -webkit-box-shadow:4px 4px  
4px 4px #CA8796; box-shadow:4px 4px 4px  
4px #CA8796 }
```

# Background

The CSS property to change the background color of an element to Hex CA8796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA8796 }
```

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

```
.background{ background-color:#CA8796 }
```

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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