

# Converting Colors

Hex(CA9BA6)

Have a look what the booklet for  
Hex(CA9BA6) contains.

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# **Color**

**Hex(CA9BA6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CA9BA6
RGB	202, 155, 166
RGB Percent	79%, 61%, 65%
CMY	0.2078, 0.3922, 0.3490
CMYK	0.00, 0.23, 0.18, 0.21
HSL	346°, 31%, 70%
HSV	346°, 23%, 79%
XYZ	42.9614, 38.7524, 41.2920
YIQ	170.3070, 24.4810, 13.3850

# Conversions

## Conversions Part 2

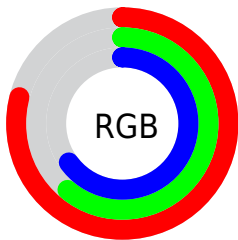
Format	Color
R <sub>Y</sub> B	202, 155, 166
Decimal	13278118
CIE Lab	68.57, 19.19, 1.05
CIE LCh	69, 19.218, 3.124
Yxy	38.7524, 0.3493, 0.3150
Android (android.graphics.Color)	4291468198 (0xFFCA9BA6)
YUV	170.3070, -2.1234, 27.7948
Hunter-Lab	62.2514, 14.2476, 4.2483

# Details

The Hex color **CA9BA6** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **9BCABF**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFD2DD**, and **936872** is the 20% darker color. If you saturate the color by 10%, you get **CA8797**, and if you desaturate by 10%, it is **CAAFB5**.

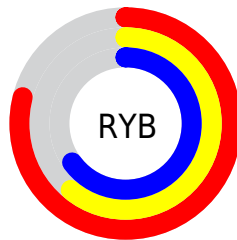
# Distribution



Red (79%)

Green (61%)

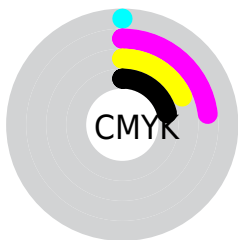
Blue (65%)



Red (79%)

Yellow (61%)

Blue (65%)

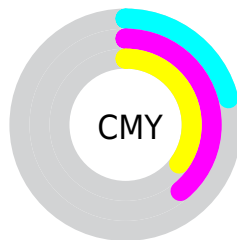


Cyan (0%)

Magenta (23%)

Yellow (18%)

Black (21%)



Cyan (21%)

Magenta (39%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CA9BA6 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 CA9BA6 by changing the saturation by 10% instead.



CA9BA6

CA9BA6

FFFFFF

AE818C

FFD2DD

936872

FFEEFA

794F5A

603842

47222C

2F0C18

1A0001

000000

CA9BA6

CA9BA6

CA8797

CAAFB5

CA7387

CAC3C5

CA5E78

CAD8D4

CA4A68

CAECE4

CA3659

CAFFF3

CA2249

CAFFFF

CA0E3A

CA002F

# Harmonies

## Analogous

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



C09DB7



CA9BA6



CB9C95

# Triad

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



CA9BA6



A0AC8A



81ADC6

# Complementary

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



CA9BA6



9BCABF

# 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.



78B0BA



CA9BA6



8CB097

# Square

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



CA9BA6



B3A785



7DB1A8



96A8CA

# Rectangle

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



CA9BA6



C69F8C



7DB1A8



7DAFC2



# Sweetspot

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



CA9BA6



FFEDF1



BE9BCA



807578



000000



808080



# Same Dimension

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



CA9BA6



FFB8C8



CAA79B



665C5E



A60027



260009



# Inverse Universe

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



CA9BA6



FFB8C8



9BBECA



665C5E



A60027

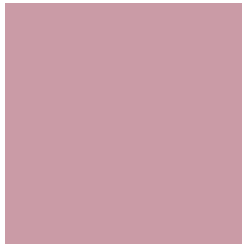


260009



# Previews

## White Background



This preview shows how the Hex color CA9BA6 looks on a white background.

## Color Contrast Check

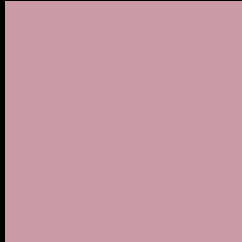
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color CA9BA6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

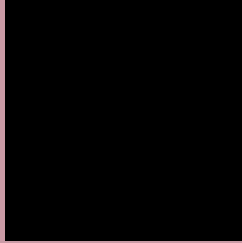
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CA9BA6 Background



This preview shows how black text looks on a background with the Hex color CA9BA6.



This preview shows how white text looks on a background with the Hex color CA9BA6.

# 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**  
CA9BA6

**Protanopia**  
A9A7AD

**Deuteranopia**  
B9A2A5



**Tritanopia**  
CA9BA7

# Trichromacy



**Original Color**  
CA9BA6

**Protanomaly**  
B5A3AA

**Deuteranomaly**  
BF9FA5

**Tritanomaly**  
CA9BA7

# Monochromacy



**Original Color**  
CA9BA6

**Achromatopsia**  
AAAAAA

**Achromatomaly**  
B6A5A9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CA9BA6 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 #CA9BA6 looks like.

```
.text, #text, p{  
    color:#CA9BA6  
}
```

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 #CA9BA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA9BA6  
}
```

## Border

The CSS property to change the border of an element to Hex CA9BA6 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  
#CA9BA6 }
```

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

```
.border{ border-color:#CA9BA6 }
```

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

Here you see how a box with a 4 pixel #CA9BA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA9BA6; -webkit-box-shadow:4px 4px  
4px 4px #CA9BA6; box-shadow:4px 4px 4px  
4px #CA9BA6 }
```

# Background

The CSS property to change the background color of an element to Hex CA9BA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA9BA6 }
```

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

```
.background{ background-color:#CA9BA6 }
```

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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