

# Converting Colors

Hex(CA698B)

Have a look what the booklet for  
Hex(CA698B) contains.

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**Color**

**Hex(CA698B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CA698B
RGB	202, 105, 139
RGB Percent	79%, 41%, 55%
CMY	0.2078, 0.5882, 0.4549
CMYK	0.00, 0.48, 0.31, 0.21
HSL	339°, 48%, 60%
HSV	339°, 48%, 79%
XYZ	34.0689, 24.5238, 27.3640
YIQ	137.8790, 46.8980, 31.1380

# Conversions

## Conversions Part 2

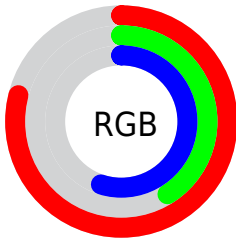
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	202, 105, 139
Decimal	13265291
CIE Lab	56.61, 42.21, -1.03
CIE LCh	57, 42.221, 358.608
Yxy	24.5238, 0.3963, 0.2853
Android (android.graphics.Color)	4291455371 (0xFFCA698B)
YUV	137.8790, 0.5527, 56.2341
Hunter-Lab	49.5215, 36.1386, 1.9032

# Details

The Hex color **CA698B** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **69CAA8**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FF9FC0**, and **913559** is the 20% darker color. If you saturate the color by 10%, you get **CA557E**, and if you desaturate by 10%, it is **CA7D98**.

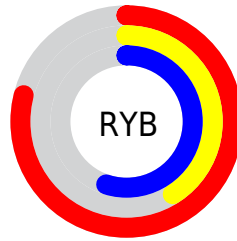
# Distribution



Red (79%)

Green (41%)

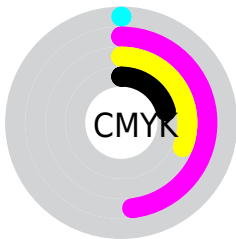
Blue (55%)



Red (79%)

Yellow (41%)

Blue (55%)

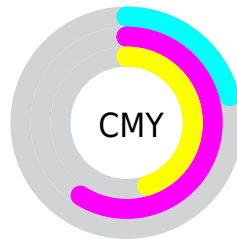


Cyan (0%)

Magenta (48%)

Yellow (31%)

Black (21%)



Cyan (21%)

Magenta (59%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CA698B 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 CA698B by changing the saturation by 10% instead.



 CA698B

 CA698B

FFFFFF

 AD4F72

 FF9FC0

 913559

 FFBADC

 761A42

 FFD7F9

 5B002C

 FFF3FF

 400017

 290001

 000000

 CA698B

 CA698B

 CA557E

 CA7D98

CA4171

CA91A5

CA2C64

CAA6B2

CA1857

CABABF

CA0449

CACECD

CA0047

CAE2DA

CAF6E7

CAFFF4

CAFFFF

# Harmonies

## Analogous

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



B471AF



CA698B



CC6C67

# Triad

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



CA698B



7A9045



0095C6

# Complementary

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



CA698B



69CAA8

# 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.



009AAA



CA698B



4C9760

# Square

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



CA698B



9F853C



009A85



418CD1

# Rectangle

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



CA698B



C37352



009A85



0097BE



# Sweetspot

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



CA698B



FFDBE8



A669CA



806A71



000000



808080



# Same Dimension

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



CA698B



FF6B9F



CA7669



665C5F



A6003A



26000D



# Inverse Universe

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



CA698B



FF6B9F



69BDCA



665C5F



A6003A



26000D



# Previews

## White Background



This preview shows how the Hex color CA698B looks on a white background.

## Color Contrast Check

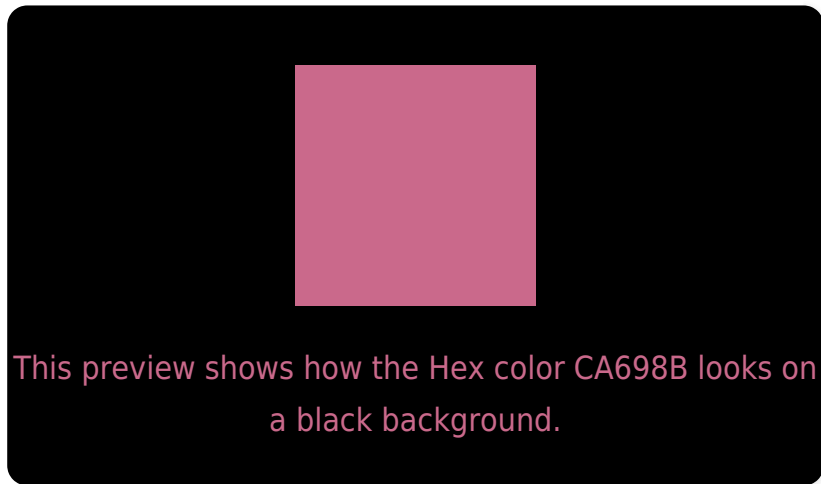
Large Text (above 18pt) WCAG AA ✓ Pass

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 CA698B Background



This preview shows how black text looks on a background with the Hex color CA698B.




This preview shows how white text looks on a background with the Hex color CA698B.

# 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**  
C86D75

# Trichromacy



**Original Color**  
CA698B



**Protanomaly**  
9D7C97



**Deuteranomaly**  
A97A88

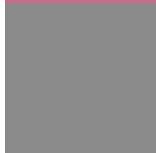


**Tritanomaly**  
C96C7D

# Monochromacy



**Original Color**  
CA698B



**Achromatopsia**  
8A8A8A



**Achromatomaly**  
A17E8A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CA698B 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 #CA698B looks like.

```
.text, #text, p{  
    color:#CA698B  
}
```

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 #CA698B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA698B
}
```

## Border

The CSS property to change the border of an element to Hex CA698B 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
#CA698B }
```

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

```
.border{ border-color:#CA698B }
```

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

Here you see how a box with a 4 pixel #CA698B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA698B; -webkit-box-shadow:4px 4px  
4px 4px #CA698B; box-shadow:4px 4px 4px  
4px #CA698B }
```

# Background

The CSS property to change the background color of an element to Hex CA698B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA698B }
```

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

```
.background{ background-color:#CA698B }
```

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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