

# Converting Colors

Hex(CA699F)

Have a look what the booklet for  
Hex(CA699F) contains.

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# **Color**

**Hex(CA699F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CA699F
RGB	202, 105, 159
RGB Percent	79%, 41%, 62%
CMY	0.2078, 0.5882, 0.3765
CMYK	0.00, 0.48, 0.21, 0.21
HSL	327°, 48%, 60%
HSV	327°, 48%, 79%
XYZ	35.6667, 25.1629, 35.7780
YIQ	140.1590, 40.4780, 37.3580

# Conversions

## Conversions Part 2

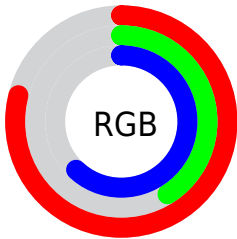
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	202, 105, 159
Decimal	13265311
CIE <sub>Lab</sub>	57.23, 44.98, -11.75
CIE <sub>LCh</sub>	57, 46.489, 345.365
Yxy	25.1629, 0.3692, 0.2605
Android (android.graphics.Color)	4291455391 (0xFFCA699F)
YUV	140.1590, 9.2886, 54.2346
Hunter-Lab	50.1626, 39.1327, -7.1741

# Details

The Hex color **CA699F** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **69CA94**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FF9FD6**, and **92356C** is the 20% darker color. If you saturate the color by 10%, you get **CA5596**, and if you desaturate by 10%, it is **CA7DA8**.

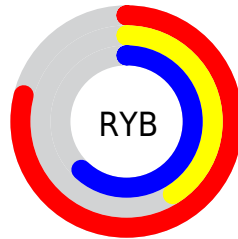
# Distribution



Red (79%)

Green (41%)

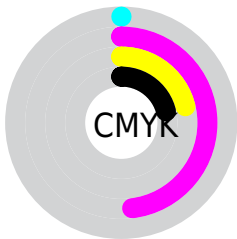
Blue (62%)



Red (79%)

Yellow (41%)

Blue (62%)

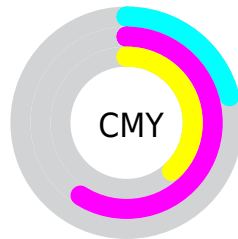


Cyan (0%)

Magenta (48%)

Yellow (21%)

Black (21%)



Cyan (21%)

Magenta (59%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CA699F 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 CA699F by changing the saturation by 10% instead.





CA699F



CA699F

FFFFFF



AD4F85



FF9FD6



92356C



FFBBF2



761953



FFD7FF



5C003C



FFF4FF



410026



2B0011



000000



CA699F



CA699F



CA5596



CA7DA8

CA418D

CA91B1

CA2C84

CAA6BA

CA187B

CABAC3

CA0472

CACECC

CA0070

CAE2D5

CAF6DE

CAFFE7

CAFFF0

# Harmonies

## Analogous

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



A776C3



CA699F



D56776

# Triad

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



CA699F



8D8E37



009BC2

# Complementary

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



CA699F



69CA94

# 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.



009E9E



CA699F



5F974E

# Square

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



CA699F



B18039



009C74



0093D7

# Rectangle

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



CA699F



D16D5D



009C74



009CB7



# Sweetspot

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



CA699F



FFDBEF



9369CA



806A76



000000



808080



# Same Dimension

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



CA699F



FF6BBD



CA696F



665C61



A6005C



260015



# Inverse Universe

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



CA699F



FF6BBD



69CAC4



665C61



A6005C



260015



# Previews

## White Background



This preview shows how the Hex color CA699F looks on a white background.

## Color Contrast Check

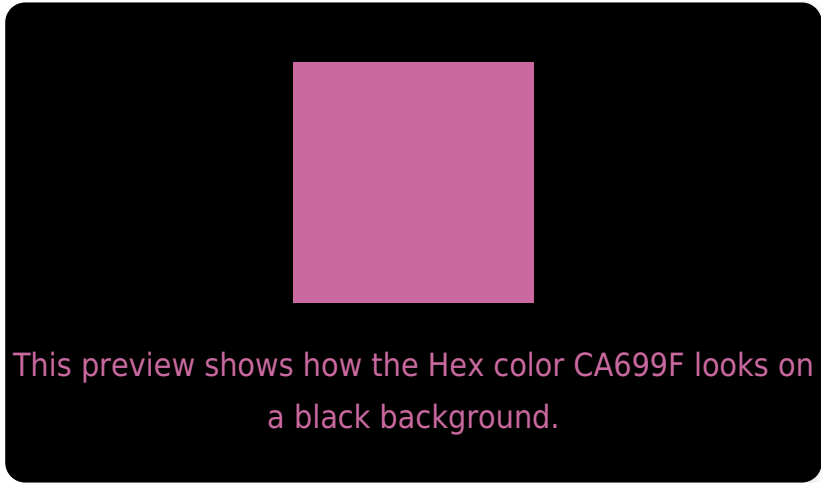
Large Text (above 18pt) WCAG AA ✓ Pass

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 CA699F Background



This preview shows how black text looks on a background with the Hex color CA699F.



This preview shows how white text looks on a background with the Hex color CA699F.

# 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**  
C67179

# Trichromacy



**Original Color**  
CA699F



**Protanomaly**  
9A7DAD



**Deuteranomaly**  
A57B9C

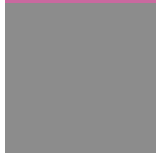


**Tritanomaly**  
C76E87

# Monochromacy



**Original Color**  
CA699F



**Achromatopsia**  
8C8C8C



**Achromatomaly**  
A37F93

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CA699F 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 #CA699F looks like.

```
.text, #text, p{  
    color:#CA699F  
}
```

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 #CA699F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA699F
}
```

## Border

The CSS property to change the border of an element to Hex CA699F 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
#CA699F }
```

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

```
.border{ border-color:#CA699F }
```

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

Here you see how a box with a 4 pixel #CA699F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA699F; -webkit-box-shadow:4px 4px  
4px 4px #CA699F; box-shadow:4px 4px 4px  
4px #CA699F }
```

# Background

The CSS property to change the background color of an element to Hex CA699F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA699F }
```

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

```
.background{ background-color:#CA699F }
```

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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