

# Converting Colors

Hex(CA647B)

Have a look what the booklet for  
Hex(CA647B) contains.

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**Color**

**Hex(CA647B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CA647B
RGB	202, 100, 123
RGB Percent	79%, 39%, 48%
CMY	0.2078, 0.6078, 0.5176
CMYK	0.00, 0.50, 0.39, 0.21
HSL	346°, 49%, 59%
HSV	346°, 50%, 79%
XYZ	32.4894, 23.1010, 21.4854
YIQ	133.1200, 53.4090, 28.7770

# Conversions

## Conversions Part 2

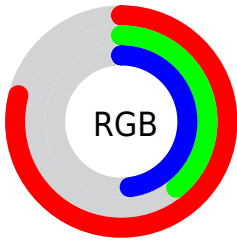
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	202, 100, 123
Decimal	13263995
CIE <sub>Lab</sub>	55.18, 42.81, 6.28
CIE <sub>LCh</sub>	55, 43.264, 8.347
Yxy	23.1010, 0.4215, 0.2997
Android (android.graphics.Color)	4291454075 (0xFFCA647B)
YUV	133.1200, -4.9892, 60.4078
Hunter-Lab	48.0635, 36.5495, 7.1405

# Details

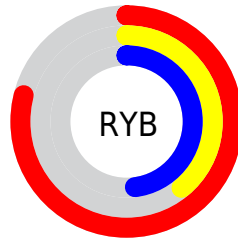
The Hex color **CA647B** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **64CAB3**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **FF99AF**, and **90304A** is the 20% darker color. If you saturate the color by 10%, you get **CA506B**, and if you desaturate by 10%, it is **CA788B**.

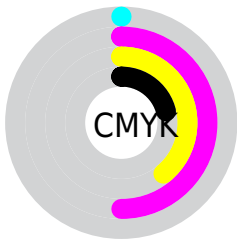
# Distribution



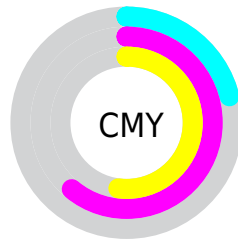
- Red (79%)
- Green (39%)
- Blue (48%)



- Red (79%)
- Yellow (39%)
- Blue (48%)



- Cyan (0%)
- Magenta (50%)
- Yellow (39%)
- Black (21%)



- Cyan (21%)
- Magenta (61%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CA647B 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 CA647B by changing the saturation by 10% instead.



CA647B

CA647B

FFFFFF

AD4A62

FF99AF

90304A

FFB5CB

751334

FFD1E7

59001F

FFEEFF

3F0006

240001

000000

CA647B

CA647B

CA506B

CA788B

CA3C5C

CA8C9A

CA274C

CAA1AA

CA133C

CAB5BA

CA002E

CAC9C9

CADDD9

CAF1E9

CAFFF8

CAFFFF

# Harmonies

## Analogous

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



BA69A1



CA647B



C56B57

# Triad

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



CA647B



688F47



008FC9

# Complementary

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



CA647B



64CAB3

# 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.



0095B2



CA647B



309567

# Square

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



CA647B



908537



00978E



5685CE

# Rectangle

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



CA647B



B97445



00978E



0092C3



# Sweetspot

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



CA647B



FFD9E1



B264CA



80696E



000000



808080



# Same Dimension

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



CA647B



FF6387



CA7F64



665C5E



A60025



260009



# Inverse Universe

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



CA647B



FF6387



64AFCA



665C5E



A60025

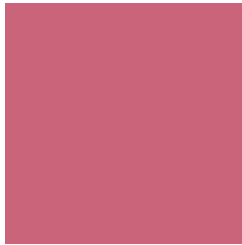


260009



# Previews

## White Background



This preview shows how the Hex color CA647B looks on a white background.

## Color Contrast Check

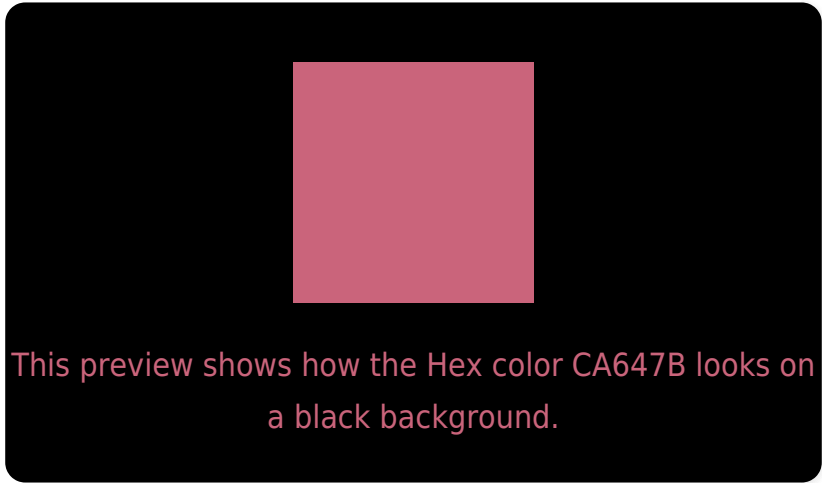
Large Text (above 18pt) WCAG AA ✓ Pass

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 CA647B Background



This preview shows how black text looks on a background with the Hex color CA647B.

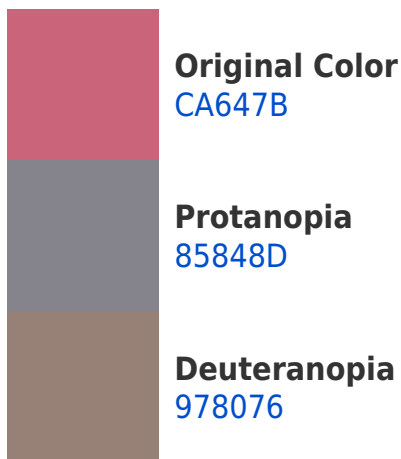


This preview shows how white text looks on a background with the Hex color CA647B.

# 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](#).

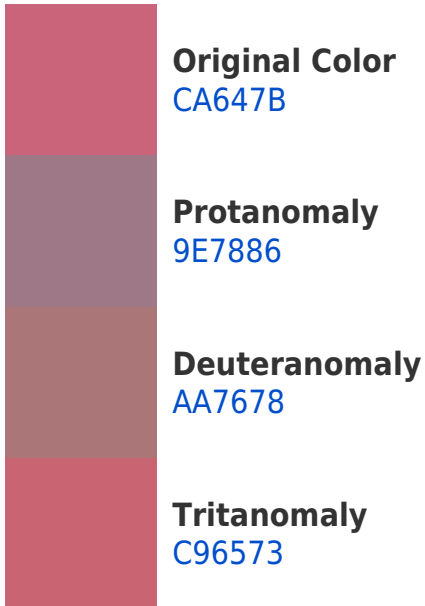
## Dichromacy





**Tritanopia**  
C9666E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CA647B 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 #CA647B looks like.

```
.text, #text, p{  
    color:#CA647B  
}
```

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 #CA647B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA647B  
}
```

## Border

The CSS property to change the border of an element to Hex CA647B 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  
#CA647B }
```

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

```
.border{ border-color:#CA647B }
```

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

Here you see how a box with a 4 pixel #CA647B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA647B; -webkit-box-shadow:4px 4px  
4px 4px #CA647B; box-shadow:4px 4px 4px  
4px #CA647B }
```

# Background

The CSS property to change the background color of an element to Hex CA647B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA647B }
```

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

```
.background{ background-color:#CA647B }
```

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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