

Converting Colors

Hex(CB799A)

Have a look what the booklet for
Hex(CB799A) contains.

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Color

Hex(CB799A)

Conversions

Conversions Part 1

Format	Color
Hex	CB799A
RGB	203, 121, 154
RGB Percent	80%, 47%, 60%
CMY	0.2039, 0.5255, 0.3961
CMYK	0.00, 0.40, 0.24, 0.20
HSL	336°, 44%, 64%
HSV	336°, 40%, 80%
XYZ	37.2987, 28.7043, 34.1465
YIQ	149.2800, 38.2790, 27.6470

Conversions

Conversions Part 2

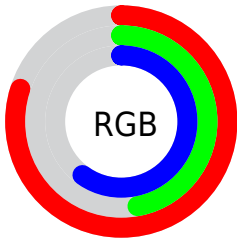
Format	Color
R _Y B	203, 121, 154
Decimal	13334938
CIE Lab	60.52, 36.24, -3.95
CIE LCh	61, 36.450, 353.778
Yxy	28.7043, 0.3724, 0.2866
Android (android.graphics.Color)	4291525018 (0xFFFCB799A)
YUV	149.2800, 2.3270, 47.1124
Hunter-Lab	53.5764, 30.5089, -0.2845

Details

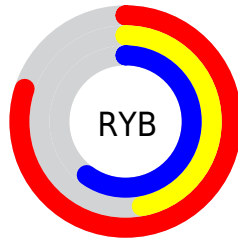
The Hex color **CB799A** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **79CBAA**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **FFAFD0**, and **934667** is the 20% darker color. If you saturate the color by 10%, you get **CB658E**, and if you desaturate by 10%, it is **CB8DA6**.

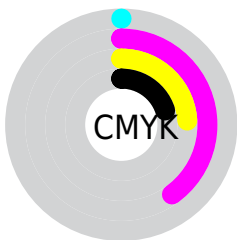
Distribution



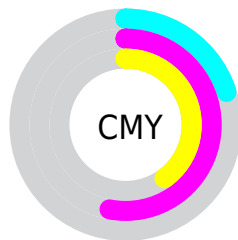
- Red (80%)
- Green (47%)
- Blue (60%)



- Red (80%)
- Yellow (47%)
- Blue (60%)



- Cyan (0%)
- Magenta (40%)
- Yellow (24%)
- Black (20%)



- Cyan (20%)
- Magenta (53%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB799A 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 CB799A by changing the saturation by 10% instead.

 CB799A

 CB799A

FFFFFF

 AF5F80

 FFAFD0

 934667

 FFCBED

 782D4F

 FFE7FF

 5D1338

 440023

 2F000D

 000000

 CB799A

 CB799A

 CB658E

 CB8DA6

 CB5082

 CBA2B2

 CB3C76

 CBB6BE

 CB2869

 CBCACB

 CB135D

 CBDFD7

 CB0052

 CBF3E3

 CBFFEF

 CBFFFB

 CBFFFF

Harmonies

Analogous

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



B480B8



CB799A



D07A7A

Triad

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



CB799A



8D9856



009FC5

Complementary

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



CB799A



79CBAA

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.



00A3AB



CB799A



679F6B

Square

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



CB799A



AD8E51



38A38A



5497D1

Rectangle

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



CB799A



CA7F67



38A38A



00A1BD

Sweetspot

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



CB799A



FFE0ED



A979CB



806E75



000000



808080

Same Dimension

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



CB799A



FF85B6



CB8079



665C60



A60043



26000F

Inverse Universe

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



CB799A



FF85B6



79C4CB



665C60



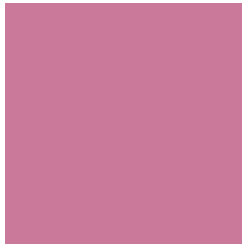
A60043



26000F

Previews

White Background



This preview shows how the Hex color CB799A looks on a white background.

Color Contrast Check

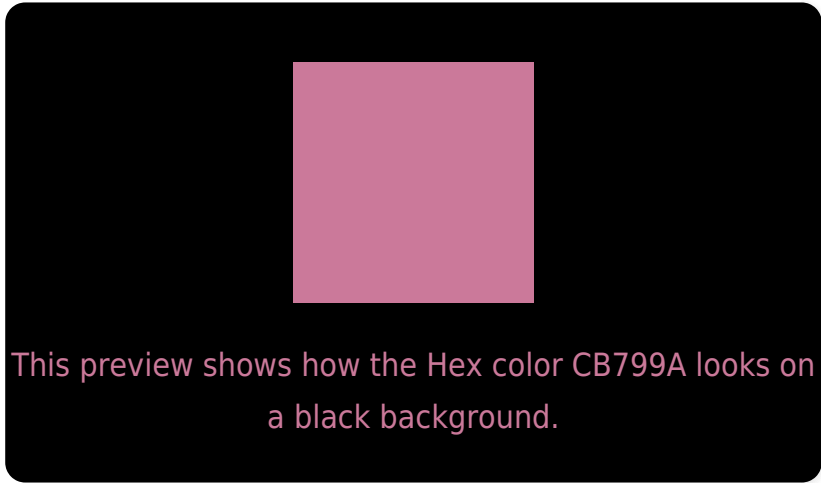
Large Text (above 18pt) WCAG AA ✓ Pass

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 CB799A Background



This preview shows how black text looks on a background with the Hex color CB799A.

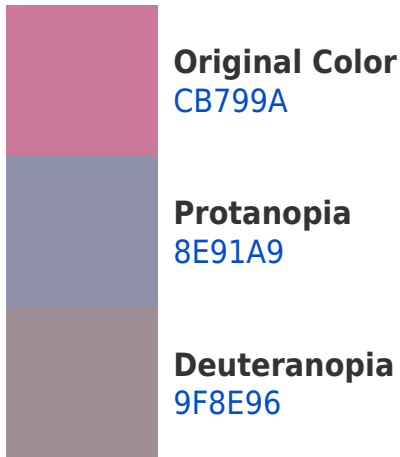



This preview shows how white text looks on a background with the Hex color CB799A.

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](#).

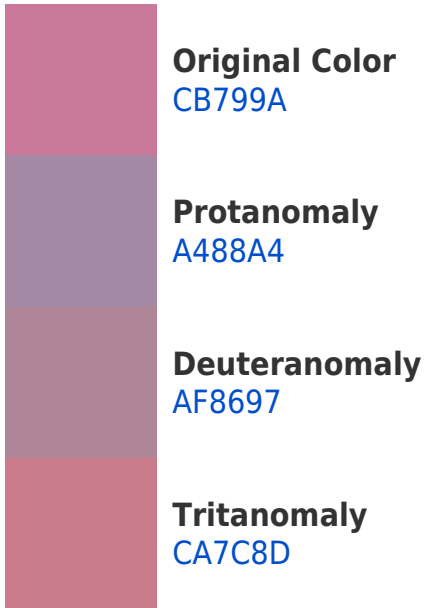
Dichromacy





Tritanopia
C97D86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CB799A 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 #CB799A looks like.

```
.text, #text, p{  
    color:#CB799A  
}
```

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 #CB799A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB799A
}
```

Border

The CSS property to change the border of an element to Hex CB799A is called "border". The border property can be set on classes, ids or directly on the HTML element.

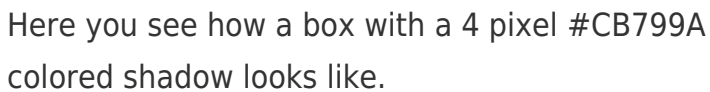
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CB799A }
```

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

```
.border{ border-color:#CB799A }
```

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



Here you see how a box with a 4 pixel #CB799A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB799A; -webkit-box-shadow:4px 4px  
4px 4px #CB799A; box-shadow:4px 4px 4px  
4px #CB799A }
```

Background

The CSS property to change the background color of an element to Hex CB799A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB799A }
```

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

```
.background{ background-color:#CB799A }
```

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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