

# Converting Colors

Hex(C493AD)

Have a look what the booklet for  
Hex(C493AD) contains.

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# **Color**

**Hex(C493AD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C493AD
RGB	196, 147, 173
RGB Percent	77%, 58%, 68%
CMY	0.2314, 0.4235, 0.3216
CMYK	0.00, 0.25, 0.12, 0.23
HSL	328°, 29%, 67%
HSV	328°, 25%, 77%
XYZ	40.7415, 35.6203, 44.2633
YIQ	164.6150, 20.8580, 18.4740

# Conversions

## Conversions Part 2

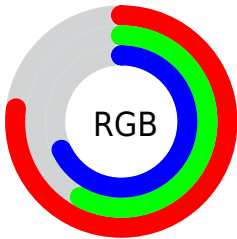
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	196, 147, 173
Decimal	12882861
CIE <sub>Lab</sub>	66.23, 22.56, -6.38
CIE <sub>LCh</sub>	66, 23.447, 344.200
Yxy	35.6203, 0.3378, 0.2953
Android (android.graphics.Color)	4291072941 (0xFFC493AD)
YUV	164.6150, 4.1338, 27.5246
Hunter-Lab	59.6828, 17.4053, -2.1940

# Details

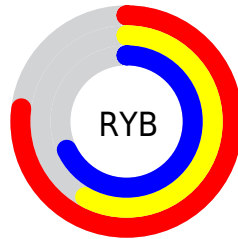
The Hex color **C493AD** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **93C4AA**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FDC9E4**, and **8E6079** is the 20% darker color. If you saturate the color by 10%, you get **C47FA4**, and if you desaturate by 10%, it is **C4A7B6**.

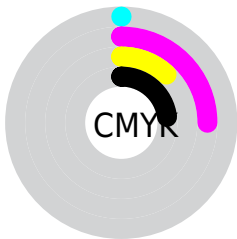
# Distribution



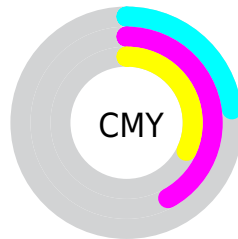
- Red (77%)
- Green (58%)
- Blue (68%)



- Red (77%)
- Yellow (58%)
- Blue (68%)



- Cyan (0%)
- Magenta (25%)
- Yellow (12%)
- Black (23%)



- Cyan (23%)
- Magenta (42%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C493AD 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 C493AD by changing the saturation by 10% instead.



 C493AD

 C493AD

FFFFFF

 A87992

 FDC9E4

 8E6079

 FFE6FF

 744860

 5A3148

 421A32

 2B041D

 100000

 000000

 C493AD

 C493AD

 C47FA4

 C4A7B6

 C46C9B

 C4BABF

 C45891

 C4CEC9

 C44588

 C4E1D2

 C4317F

 C4F5DB

 C41D76

 C4FFE4

 C40A6D

 C4FFED

 C40068

 C4FFF7

 C4FFFF

# Harmonies

## Analogous

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



B198BF



C493AD



CC9298

# Triad

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



C493AD



A6A378



66ABBE

# Complementary

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



C493AD



93C4AA

# 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.



66ADAB



C493AD



8EA982

# Square

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



C493AD



BB9C79



77AC95



79A6C9

# Rectangle

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



C493AD



CB948A



77AC95



64ACB8



# Sweetspot

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



C493AD



FFEBF5



AA93C4



80737A



000000



808080



# Same Dimension

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



C493AD



FFB3DB



C49395



61575C



A10055



210012



# Inverse Universe

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



C493AD



FFB3DB



93C4C2



61575C



A10055



210012



# Previews

## White Background



This preview shows how the Hex color C493AD looks on a white background.

## Color Contrast Check

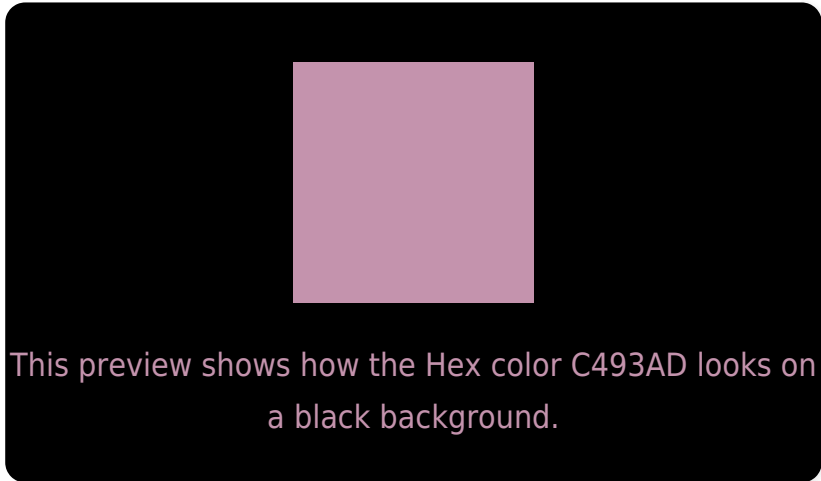
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

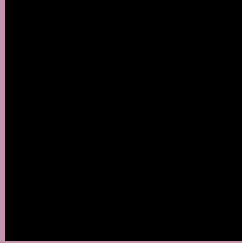
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C493AD Background



This preview shows how black text looks on a background with the Hex color C493AD.

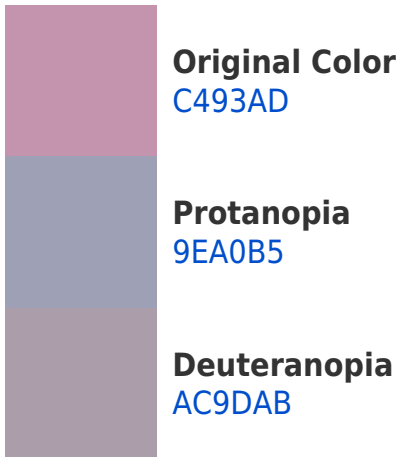


This preview shows how white text looks on a background with the Hex color C493AD.

# 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**  
C295A1

# Trichromacy



**Original Color**  
C493AD

**Protanomaly**  
AC9BB2

**Deuteranomaly**  
B599AC

**Tritanomaly**  
C394A5

# Monochromacy



**Original Color**  
C493AD

**Achromatopsia**  
A5A5A5

**Achromatomaly**  
B09EA8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C493AD 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 #C493AD looks like.

```
.text, #text, p{  
    color:#C493AD  
}
```

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 #C493AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C493AD
}
```

## Border

The CSS property to change the border of an element to Hex C493AD is called "border". The border property can be set on classes, ids or directly on the HTML element.

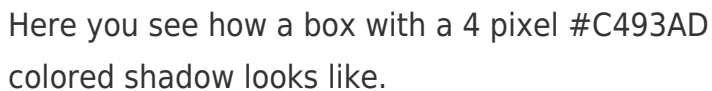
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C493AD }
```

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

```
.border{ border-color:#C493AD }
```

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

A rectangular box with a 4px purple shadow. The box is white with a thin purple border. The shadow is a darker purple, 4 pixels wide and 4 pixels high, extending from the bottom and right sides of the box.

Here you see how a box with a 4 pixel #C493AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C493AD; -webkit-box-shadow:4px 4px  
4px 4px #C493AD; box-shadow:4px 4px 4px  
4px #C493AD }
```

# Background

The CSS property to change the background color of an element to Hex C493AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C493AD }
```

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

```
.background{ background-color:#C493AD }
```

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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