

# Converting Colors

Hex(C493B3)

Have a look what the booklet for  
Hex(C493B3) contains.

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# **Color**

**Hex(C493B3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C493B3
RGB	196, 147, 179
RGB Percent	77%, 58%, 70%
CMY	0.2314, 0.4235, 0.2980
CMYK	0.00, 0.25, 0.09, 0.23
HSL	321°, 29%, 67%
HSV	321°, 25%, 77%
XYZ	41.3354, 35.8579, 47.3905
YIQ	165.2990, 18.9320, 20.3400

# Conversions

## Conversions Part 2

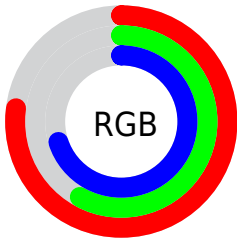
Format	Color
R <sub>Y</sub> B	196, 147, 179
Decimal	12882867
CIE Lab	66.41, 23.60, -9.48
CIE LCh	66, 25.431, 338.114
Yxy	35.8579, 0.3318, 0.2878
Android (android.graphics.Color)	4291072947 (0xFFC493B3)
YUV	165.2990, 6.7546, 26.9248
Hunter-Lab	59.8814, 18.4236, -5.0054

# Details

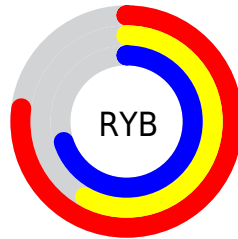
The Hex color **C493B3** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **93C4A4**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FDC9EB**, and **8E607E** is the 20% darker color. If you saturate the color by 10%, you get **C47FAC**, and if you desaturate by 10%, it is **C4A7BA**.

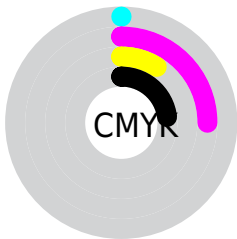
# Distribution



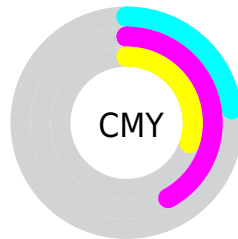
- Red (77%)
- Green (58%)
- Blue (70%)



- Red (77%)
- Yellow (58%)
- Blue (70%)



- Cyan (0%)
- Magenta (25%)
- Yellow (9%)
- Black (23%)



- Cyan (23%)
- Magenta (42%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C493B3 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 C493B3 by changing the saturation by 10% instead.





C493B3



C493B3

FFFFFF



A87998



FDC9EB



8E607E



FFE6FF



744865



5A304D



421A37



2B0421



100008



000000



C493B3



C493B3

 C47FAC

 C4A7BA

 C46CA5

 C4BAC1

 C4589F

 C4CEC7

 C44598

 C4E1CE

 C43191

 C4F5D5

 C41D8A

 C4FFDC

 C40A83

 C4FFE3

 C40080

 C4FFE9

 C4FFF0

# Harmonies

## Analogous

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



AD99C5



C493B3



CF919C

# Triad

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



C493B3



ACA274



5DADBD

# Complementary

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



C493B3



93C4A4

# 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.



63AEA7



C493B3



93A97D

# Square

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



C493B3



C19A78



78AD90



6FA8CB

# Rectangle

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



C493B3



CF928D



78AD90



5DAEB6



# Sweetspot

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



C493B3



FFEBF8



A393C4



80737B



000000



808080



# Same Dimension

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



C493B3



FFB3E4



C4939B



61575E



A10069



210016



# Inverse Universe

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



C493B3



FFB3E4



93C4BC



61575E



A10069

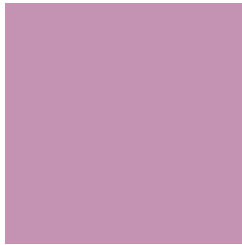


210016



# Previews

## White Background



This preview shows how the Hex color C493B3 looks on a white background.

## Color Contrast Check

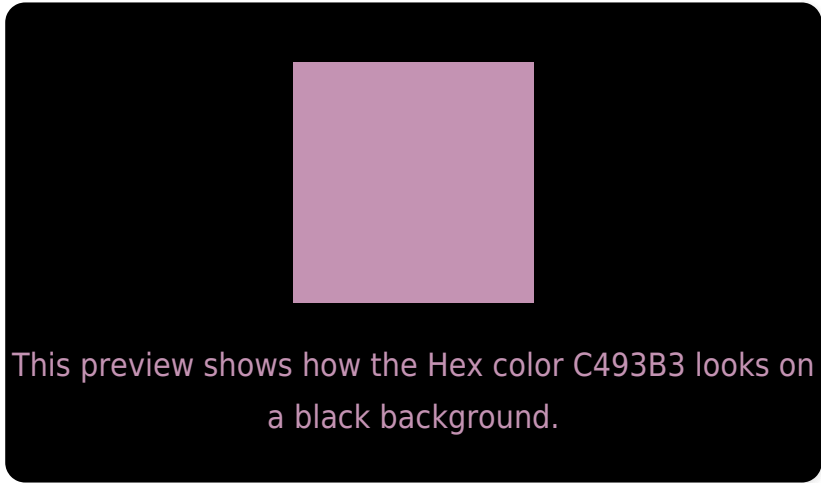
Large Text (above 18pt) WCAG AA × Fail

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

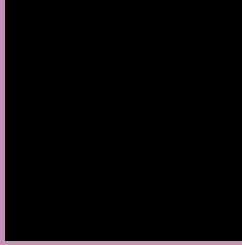
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C493B3 Background



This preview shows how black text looks on a background with the Hex color C493B3.

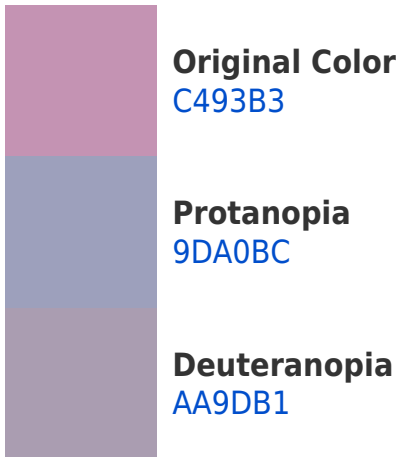


This preview shows how white text looks on a background with the Hex color C493B3.

# 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**  
C296A2

# Trichromacy



**Original Color**  
C493B3

**Protanomaly**  
AB9BB9

**Deuteranomaly**  
B399B2

**Tritanomaly**  
C395A8

# Monochromacy



**Original Color**  
C493B3

**Achromatopsia**  
A5A5A5

**Achromatomaly**  
B09EAA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C493B3 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 #C493B3 looks like.

```
.text, #text, p{  
    color:#C493B3  
}
```

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 #C493B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C493B3
}
```

## Border

The CSS property to change the border of an element to Hex C493B3 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
#C493B3 }
```

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

```
.border{ border-color:#C493B3 }
```

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

Here you see how a box with a 4 pixel #C493B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C493B3; -webkit-box-shadow:4px 4px  
4px 4px #C493B3; box-shadow:4px 4px 4px  
4px #C493B3 }
```

# Background

The CSS property to change the background color of an element to Hex C493B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C493B3 }
```

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

```
.background{ background-color:#C493B3 }
```

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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