

# Converting Colors

Hex(C583A8)

Have a look what the booklet for  
Hex(C583A8) contains.

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# **Color**

**Hex(C583A8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C583A8
RGB	197, 131, 168
RGB Percent	77%, 51%, 66%
CMY	0.2275, 0.4863, 0.3412
CMYK	0.00, 0.34, 0.15, 0.23
HSL	326°, 36%, 64%
HSV	326°, 34%, 77%
XYZ	38.2101, 30.9301, 41.0020
YIQ	154.9520, 27.4590, 25.4990

# Conversions

## Conversions Part 2

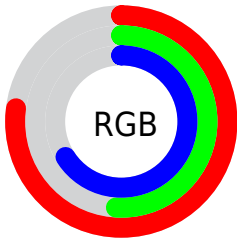
Format	Color
<a href="#">RYB</a>	<a href="#">197, 131, 168</a>
Decimal	<a href="#">12944296</a>
CIELab	<a href="#">62.45, 30.88, -9.17</a>
CIElCh	<a href="#">62, 32.213, 343.461</a>
Yxy	<a href="#">30.9301, 0.3469, 0.2808</a>
Android (android.graphics.Color)	<a href="#">4291134376 (0xFFC583A8)</a>
YUV	<a href="#">154.9520, 6.4327, 36.8761</a>
Hunter-Lab	<a href="#">55.6148, 25.3125, -4.7812</a>

# Details

The Hex color **C583A8** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **83C5A0**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFB9DF**, and **8E5074** is the 20% darker color. If you saturate the color by 10%, you get **C56F9F**, and if you desaturate by 10%, it is **C597B1**.

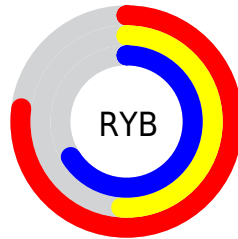
# Distribution



Red (77%)

Green (51%)

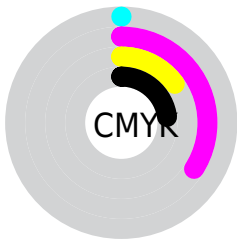
Blue (66%)



Red (77%)

Yellow (51%)

Blue (66%)

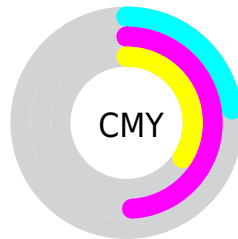


Cyan (0%)

Magenta (34%)

Yellow (15%)

Black (23%)



Cyan (23%)

Magenta (49%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C583A8 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 C583A8 by changing the saturation by 10% instead.



 C583A8

 C583A8

FFFFFF

 A9698E

 FFB9DF

 8E5074

 FFD5FC

 74385B

 FFF1FF

 5A2044

 41072E

 2B0019

 000000

 C583A8

 C583A8

 C56F9F

 C597B1

 C55C97

 C5AAB9

 C5488E

 C5BEC2

 C53485

 C5D2CB

 C5207D

 C5E6D3

 C50D74

 C5F9DC

 C5006E

 C5FFE5

 C5FFED

 C5FFF6

# Harmonies

## Analogous

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



AB8BC1



C583A8



CF818B

# Triad

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



C583A8



9D995F



2FA4BD

# Complementary

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



C583A8



83C5A0

# 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.



37A6A3



C583A8



7EA16D

# Square

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



C583A8



B89060



5AA586



559ECD

# Rectangle

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



C583A8



CD8479



5AA586



2BA5B6



# Sweetspot

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



C583A8



FFE6F4



A083C5



807079



000000



808080



# Same Dimension

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



C583A8



FF99D2



C58387



635A5F



A3005B



240014



# Inverse Universe

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



C583A8



FF99D2



83C5C1



635A5F



A3005B

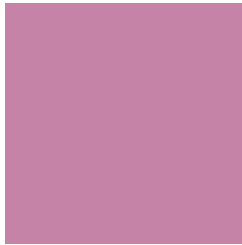


240014



# Previews

## White Background



This preview shows how the Hex color C583A8 looks on a white background.

## Color Contrast Check

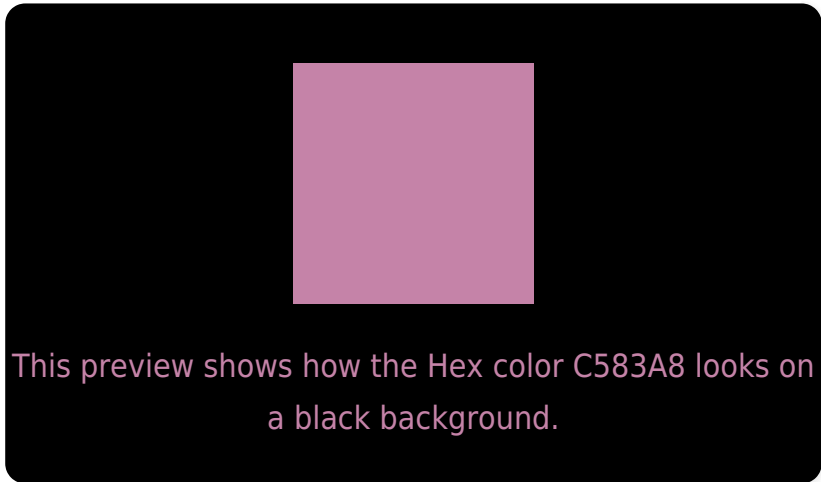
Large Text (above 18pt) WCAG AA × Fail

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

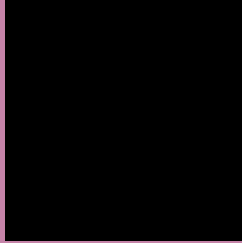
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C583A8 Background



This preview shows how black text looks on a background with the Hex color C583A8.

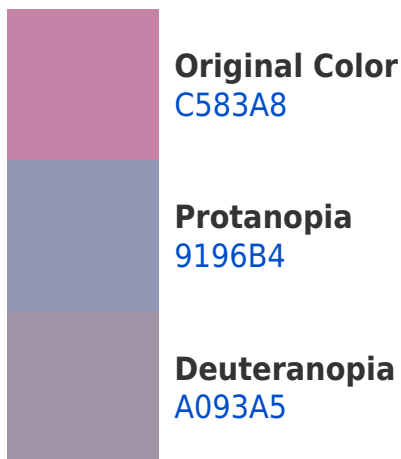


This preview shows how white text looks on a background with the Hex color C583A8.

# 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**  
C28791

# Trichromacy



**Original Color**  
C583A8

**Protanomaly**  
A48FB0

**Deuteranomaly**  
AD8DA6

**Tritanomaly**  
C38699

# Monochromacy



**Original Color**  
C583A8

**Achromatopsia**  
9B9B9B

**Achromatomaly**  
AA92A0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C583A8 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 #C583A8 looks like.

```
.text, #text, p{  
    color:#C583A8  
}
```

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 #C583A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C583A8
}
```

## Border

The CSS property to change the border of an element to Hex C583A8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

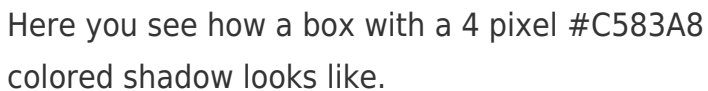
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C583A8 }
```

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

```
.border{ border-color:#C583A8 }
```

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, offset to the right and bottom of the box.

Here you see how a box with a 4 pixel #C583A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C583A8; -webkit-box-shadow:4px 4px  
4px 4px #C583A8; box-shadow:4px 4px 4px  
4px #C583A8 }
```

# Background

The CSS property to change the background color of an element to Hex C583A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C583A8 }
```

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

```
.background{ background-color:#C583A8 }
```

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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