

# Converting Colors

Hex(C83CA8)

Have a look what the booklet for  
Hex(C83CA8) contains.

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**Color**

**Hex(C83CA8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C83CA8
RGB	200, 60, 168
RGB Percent	78%, 24%, 66%
CMY	0.2157, 0.7647, 0.3412
CMYK	0.00, 0.70, 0.16, 0.22
HSL	314°, 56%, 51%
HSV	314°, 70%, 78%
XYZ	32.5032, 18.3382, 38.8723
YIQ	114.1720, 48.7720, 63.2680

# Conversions

## Conversions Part 2

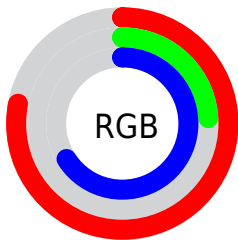
Format	Color
<a href="#">RYB</a>	<a href="#">200, 60, 168</a>
Decimal	<a href="#">13122728</a>
CIELab	<a href="#">49.90, 65.58, -28.25</a>
CIELCh	<a href="#">50, 71.408, 336.693</a>
Yxy	<a href="#">18.3382, 0.3623, 0.2044</a>
Android (android.graphics.Color)	<a href="#">4291312808 (0xFFC83CA8)</a>
YUV	<a href="#">114.1720, 26.5372, 75.2712</a>
Hunter-Lab	<a href="#">42.8232, 60.5426, -23.8437</a>

# Details

The Hex color **C83CA8** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **3CC85C**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF76DF**, and **8E0074** is the 20% darker color. If you saturate the color by 10%, you get **C828A3**, and if you desaturate by 10%, it is **C850AD**.

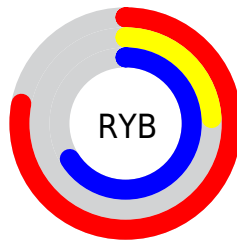
# Distribution



Red (78%)

Green (24%)

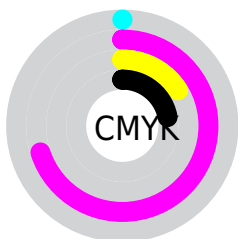
Blue (66%)



Red (78%)

Yellow (24%)

Blue (66%)

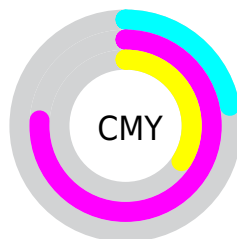


Cyan (0%)

Magenta (70%)

Yellow (16%)

Black (22%)



Cyan (22%)

Magenta (76%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C83CA8 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 C83CA8 by changing the saturation by 10% instead.



 C83CA8

 C83CA8

FFFFFF

 AB178D

 FF76DF

 8E0074

 FF93FC

 72005B

 FFB0FF

 560043

 FFCDFE

 3E002D

 FFEAFF

 1F0017

 000000

 C83CA8

 C83CA8

 C828A3

 C850AD

 C8149F

 C864B1

 C8009A

 C878B6

 C88CBA

 C8A0BF

 C8B4C3

 C8C8C8

 C8DCCD

 C8F0D1

# Harmonies

## Analogous

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



865FD9



C83CA8



DF286C

# Triad

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



C83CA8



847900



0090BE

# Complementary

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



C83CA8



3CC85C

# 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.



009183



C83CA8



418700

# Square

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



C83CA8



B56100



008E43



008AE7

# Rectangle

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



C83CA8



DC3644



008E43



0091AC



# Sweetspot

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



C83CA8



FFC9F3



5A3CC8



806078



000000



808080



# Same Dimension

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



C83CA8



FF29CE



C83C64



635A61



A3007E



24001C



# Inverse Universe

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



C83CA8



FF29CE



3CC8A0



635A61



A3007E



24001C



# Previews

## White Background



This preview shows how the Hex color C83CA8 looks on a white background.

## Color Contrast Check

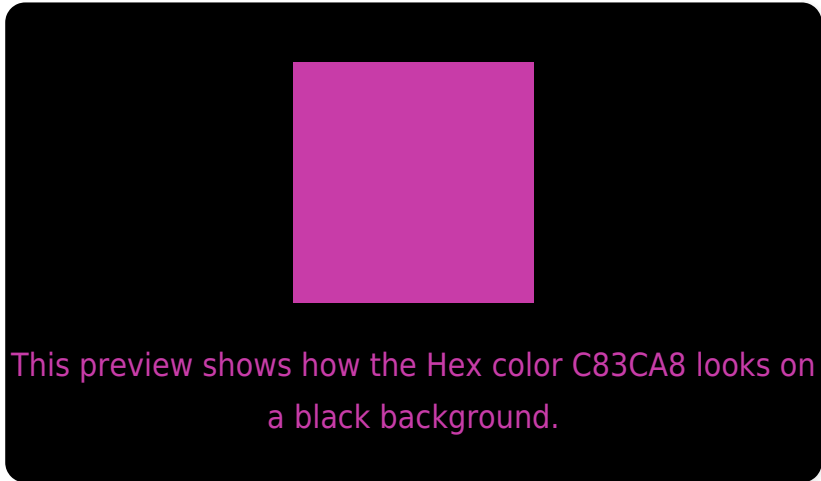
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

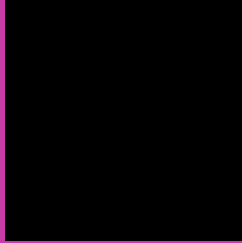
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C83CA8 Background



This preview shows how black text looks on a background with the Hex color C83CA8.

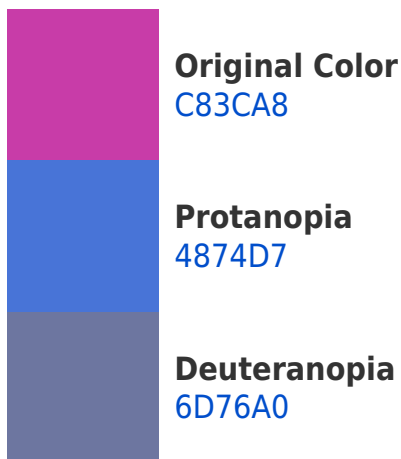



This preview shows how white text looks on a background with the Hex color C83CA8.

# 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**  
C15459

# Trichromacy



**Original Color**  
C83CA8



**Protanomaly**  
7760C6



**Deuteranomaly**  
8E61A3

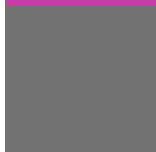


**Tritanomaly**  
C44B76

# Monochromacy



**Original Color**  
C83CA8



**Achromatopsia**  
727272



**Achromatomaly**  
915E86

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C83CA8 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 #C83CA8 looks like.

```
.text, #text, p{  
    color:#C83CA8  
}
```

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 #C83CA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C83CA8
}
```

## Border

The CSS property to change the border of an element to Hex C83CA8 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
#C83CA8 }
```

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

```
.border{ border-color:#C83CA8 }
```

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

Here you see how a box with a 4 pixel #C83CA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C83CA8; -webkit-box-shadow:4px 4px  
4px 4px #C83CA8; box-shadow:4px 4px 4px  
4px #C83CA8 }
```

# Background

The CSS property to change the background color of an element to Hex C83CA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C83CA8 }
```

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

```
.background{ background-color:#C83CA8 }
```

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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