

Converting Colors

Hex(C83DA9)

Have a look what the booklet for
Hex(C83DA9) contains.

Hex(C83DA9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C83DA9)

Conversions

Conversions Part 1

Format	Color
Hex	C83DA9
RGB	200, 61, 169
RGB Percent	78%, 24%, 66%
CMY	0.2157, 0.7608, 0.3373
CMYK	0.00, 0.69, 0.16, 0.22
HSL	313°, 56%, 51%
HSV	313°, 70%, 78%
XYZ	32.6496, 18.4814, 39.3826
YIQ	114.8730, 48.1760, 63.0560

Conversions

Conversions Part 2

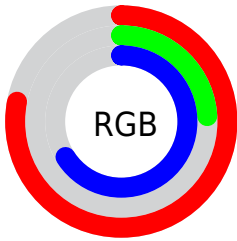
Format	Color
R_{YB}	200, 61, 169
Decimal	13122985
CIE _{Lab}	50.07, 65.37, -28.58
CIE _{LCh}	50, 71.341, 336.387
Yxy	18.4814, 0.3607, 0.2042
Android (android.graphics.Color)	4291313065 (0xFFC83DA9)
YUV	114.8730, 26.6846, 74.6564
Hunter-Lab	42.9900, 60.3327, -24.2217

Details

The Hex color **C83DA9** 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 **3DC85C**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **FF77E1**, and **8E0075** is the 20% darker color. If you saturate the color by 10%, you get **C829A5**, and if you desaturate by 10%, it is **C851AD**.

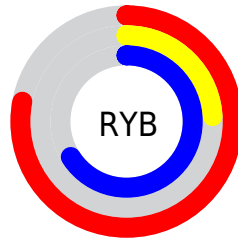
Distribution



Red (78%)

Green (24%)

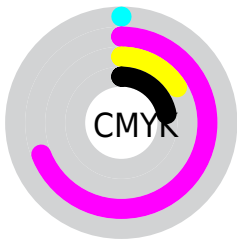
Blue (66%)



Red (78%)

Yellow (24%)

Blue (66%)

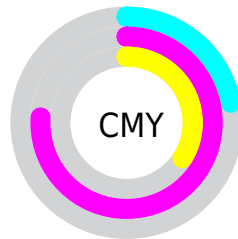


Cyan (0%)

Magenta (69%)

Yellow (16%)

Black (22%)



Cyan (22%)

Magenta (76%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color C83DA9 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 C83DA9 by changing the saturation by 10% instead.

 C83DA9

 C83DA9

FFFFFF

 AB198E

 FF77E1

 8E0075

 FF94FD

 72005C

 FFB0FF

 560044

 FFCDFD

 3E002D

 FFE8FF

 1F0017

 000000

 C83DA9

 C83DA9

 C829A5

 C851AD

 C815A0

 C865B2

 C8019C

 C879B6

 C8009B

 C88DBB

 C8A1BF

 C8B5C4

 C8C9C8

 C8DDCD

 C8F1D1

Harmonies

Analogous

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



8660DA



C83DA9



E0296D

Triad

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



C83DA9



857900



0091BE

Complementary

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



C83DA9



3DC85C

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



C83DA9



428700

Square

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



C83DA9



B66100



008E43



008AE7

Rectangle

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



C83DA9



DD3645



008E43



0091AC

Sweetspot

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



C83DA9



FFC9F3



5B3DC8



806078



000000



808080

Same Dimension

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



C83DA9



FF2BD0



C83D64



635A61



A3007F



24001C

Inverse Universe

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



C83DA9



FF2BD0



3DC8A1



635A61



A3007F



24001C

Previews

White Background



This preview shows how the Hex color C83DA9 looks on a white background.

Color Contrast Check

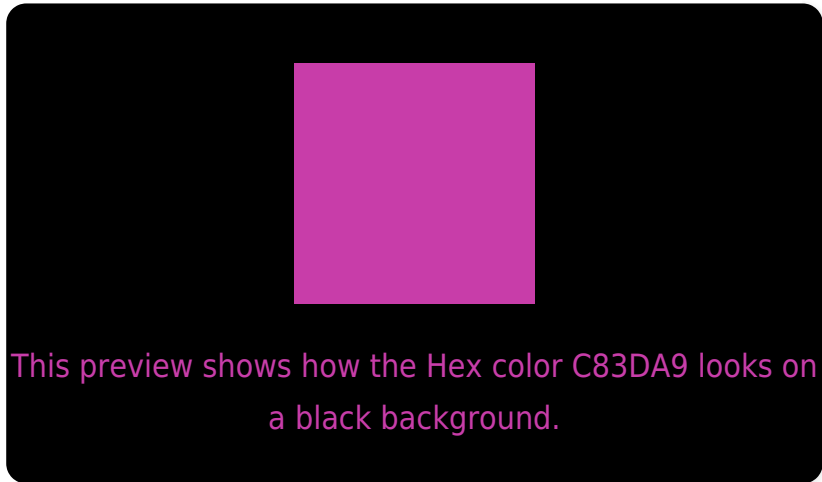
Large Text (above 18pt) WCAG AA ✓ Pass

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

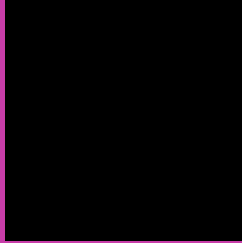
Any Text WCAG AA ✓ Pass

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 C83DA9 Background



This preview shows how black text looks on a background with the Hex color C83DA9.

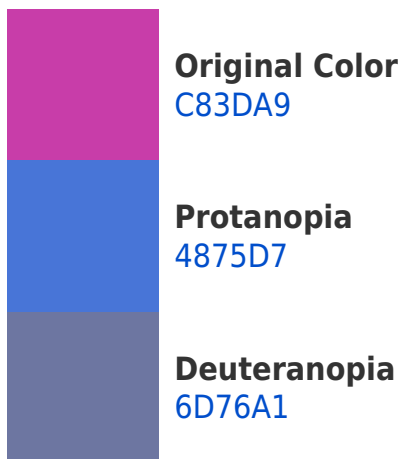



This preview shows how white text looks on a background with the Hex color C83DA9.

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](#).

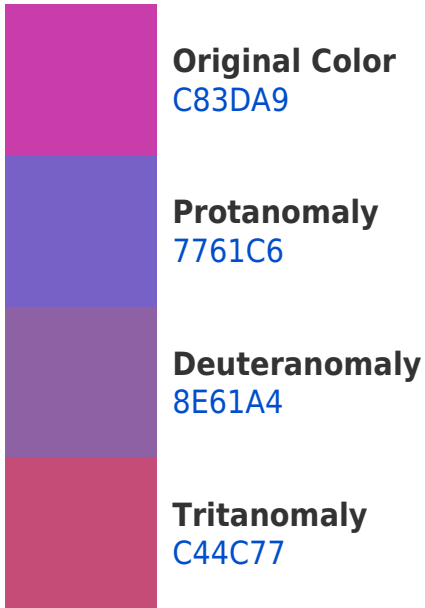
Dichromacy



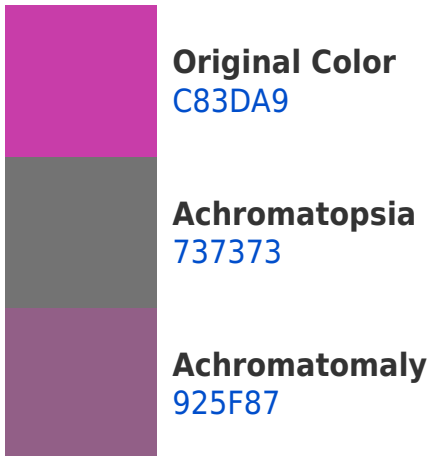


Tritanopia
C1555A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C83DA9 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 #C83DA9 looks like.

```
.text, #text, p{  
    color:#C83DA9  
}
```

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 #C83DA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C83DA9
}
```

Border

The CSS property to change the border of an element to Hex C83DA9 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
#C83DA9 }
```

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

```
.border{ border-color:#C83DA9 }
```

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

Here you see how a box with a 4 pixel #C83DA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C83DA9; -webkit-box-shadow:4px 4px  
4px 4px #C83DA9; box-shadow:4px 4px 4px  
4px #C83DA9 }
```

Background

The CSS property to change the background color of an element to Hex C83DA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C83DA9 }
```

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

```
.background{ background-color:#C83DA9 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor