

Converting Colors

Hex(C683A4)

Have a look what the booklet for
Hex(C683A4) contains.

Hex(C683A4)	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(C683A4)

Conversions

Conversions Part 1

Format	Color
Hex	C683A4
RGB	198, 131, 164
RGB Percent	78%, 51%, 64%
CMY	0.2235, 0.4863, 0.3569
CMYK	0.00, 0.34, 0.17, 0.22
HSL	330°, 37%, 65%
HSV	330°, 34%, 78%
XYZ	38.1058, 30.9187, 39.0815
YIQ	154.7950, 29.3390, 24.4670

Conversions

Conversions Part 2

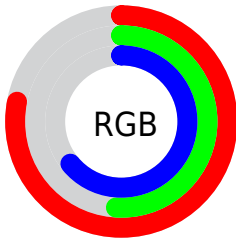
Format	Color
R_{YB}	198, 131, 164
Decimal	13009828
CIE Lab	62.44, 30.59, -6.90
CIE LCh	62, 31.353, 347.296
Yxy	30.9187, 0.3525, 0.2860
Android (android.graphics.Color)	4291199908 (0xFFC683A4)
YUV	154.7950, 4.5381, 37.8908
Hunter-Lab	55.6046, 25.0181, -2.7485

Details

The Hex color **C683A4** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **83C6A5**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFB9DB**, and **8F5070** is the 20% darker color. If you saturate the color by 10%, you get **C66F9A**, and if you desaturate by 10%, it is **C697AE**.

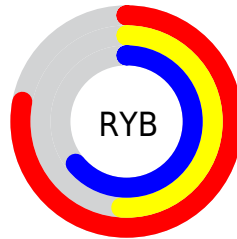
Distribution



Red (78%)

Green (51%)

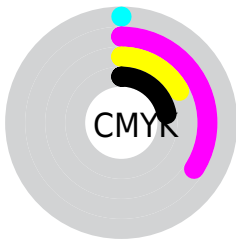
Blue (64%)



Red (78%)

Yellow (51%)

Blue (64%)

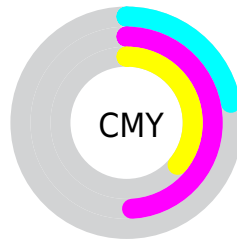


Cyan (0%)

Magenta (34%)

Yellow (17%)

Black (22%)



Cyan (22%)

Magenta (49%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color C683A4 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 C683A4 by changing the saturation by 10% instead.

 C683A4

 C683A4

FFFFFF

 AA698A

 FFB9DB

 8F5070

 FFD5F7

 743858

 FFF1FF

 5B2041

 42072B

 2C0016

 000000

 C683A4

 C683A4

 C66F9A

 C697AE

 C65B90

 C6ABB8

 C64886

 C6BEC2

 C6347C

 C6D2CC

 C62072

 C6E6D6

 C60C68

 C6FAE0

 C60062

 C6FFEA

 C6FFF4

 C6FFFE

Harmonies

Analogous

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



AE8ABD



C683A4



CE8288

Triad

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



C683A4



9A9A61



38A3BF

Complementary

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



C683A4



83C6A5

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.



39A6A7



C683A4



7AA170

Square

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



C683A4



B49161



58A58A



5D9DCD

Rectangle

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



C683A4



CB8577



58A58A



32A5B8

Sweetspot

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



C683A4



FFE6F2



A583C6



807078



000000



808080

Same Dimension

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



C683A4



FF96CA



C68383



635A5E



A30050



240012

Inverse Universe

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



C683A4



FF96CA



83C6C6



635A5E



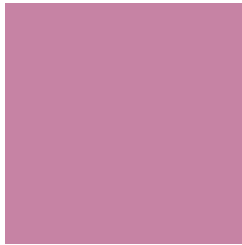
A30050



240012

Previews

White Background



This preview shows how the Hex color C683A4 looks on a white background.

Color Contrast Check

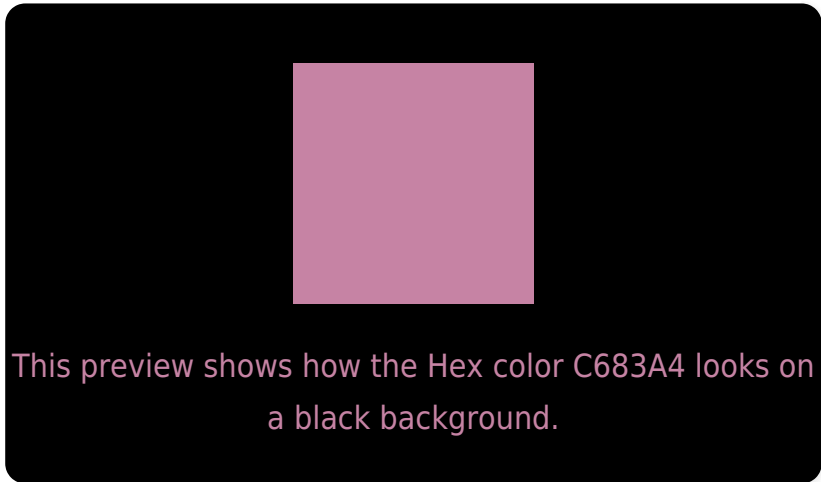
Large Text (above 18pt) WCAG AA × Fail

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 C683A4 Background



This preview shows how black text looks on a background with the Hex color C683A4.




This preview shows how white text looks on a background with the Hex color C683A4.

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](#).

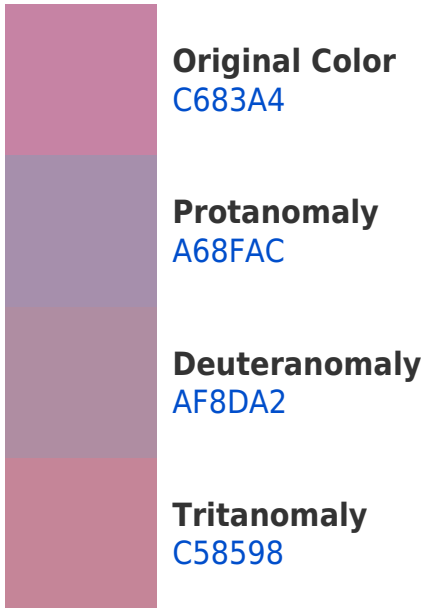
Dichromacy





Tritanopia
C48691

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C683A4 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 #C683A4 looks like.

```
.text, #text, p{  
    color:#C683A4  
}
```

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 #C683A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C683A4
}
```

Border

The CSS property to change the border of an element to Hex C683A4 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
#C683A4 }
```

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

```
.border{ border-color:#C683A4 }
```

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

Here you see how a box with a 4 pixel #C683A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C683A4; -webkit-box-shadow:4px 4px  
4px 4px #C683A4; box-shadow:4px 4px 4px  
4px #C683A4 }
```

Background

The CSS property to change the background color of an element to Hex C683A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C683A4 }
```

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

```
.background{ background-color:#C683A4 }
```

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