

# Converting Colors

Hex(C683D7)

Have a look what the booklet for  
Hex(C683D7) contains.

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# **Color**

**Hex(C683D7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C683D7
RGB	198, 131, 215
RGB Percent	78%, 51%, 84%
CMY	0.2235, 0.4863, 0.1569
CMYK	0.08, 0.39, 0.00, 0.16
HSL	288°, 51%, 68%
HSV	288°, 39%, 84%
XYZ	43.6707, 33.1447, 68.3858
YIQ	160.6090, 12.9680, 40.3280

# Conversions

## Conversions Part 2

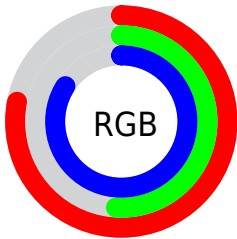
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">198, 131, 215</a>
Decimal	<a href="#">13009879</a>
CIELab	<a href="#">64.28, 39.80, -32.87</a>
CIElCh	<a href="#">64, 51.614, 320.448</a>
Yxy	<a href="#">33.1447, 0.3008, 0.2283</a>
Android (android.graphics.Color)	<a href="#">4291199959 (0xFFC683D7)</a>
YUV	<a href="#">160.6090, 26.8148, 32.7919</a>
Hunter-Lab	<a href="#">57.5714, 34.6511, -30.1273</a>

# Details

The Hex color **C683D7** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **94D783**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **FFB9FF**, and **8F50A0** is the 20% darker color. If you saturate the color by 10%, you get **C26ED7**, and if you desaturate by 10%, it is **CA99D7**.

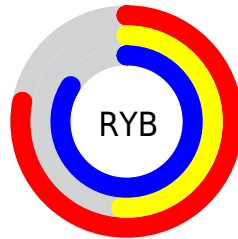
# Distribution



Red (78%)

Green (51%)

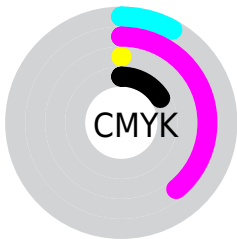
Blue (84%)



Red (78%)

Yellow (51%)

Blue (84%)

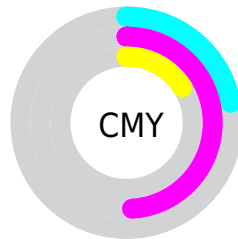


Cyan (8%)

Magenta (39%)

Yellow (0%)

Black (16%)



Cyan (22%)

Magenta (49%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C683D7 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 C683D7 by changing the saturation by 10% instead.



 C683D7

 C683D7

FFFFFF

 AA69BB

 FFB9FF

 8F50A0

 FFD5FF

 743785

 FFF2FF

 5A1E6C

 410153

 29003C

 0A0025

 00010E

 000000

 C683D7

 C683D7

 C26ED7

 CA99D7

 BD58D7

 CFAED7

 B942D7

 D3C3D7

 B52DD7

 D7D9D7

 B017D7

 DCEED7

 AC02D7

 E0FFD7

 AB00D7

 E4FFD7

 E9FFD7

 EDFFD7

# Harmonies

## Analogous

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



8696F2



C683D7



E975AD

# Triad

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



C683D7



C3943E



00B3BB

# Complementary

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



C683D7



94D783

# 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.



00B28B



C683D7



97A341

# Square

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



C683D7



E38356



61AD5F



00AFE2

# Rectangle

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



C683D7



F2748D



61AD5F



00B3AB



# Sweetspot

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



C683D7



F9E0FF



8395D7



7C6E80



000000



808080



# Same Dimension

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



C683D7



E787FF



D783BF



69606B



8800AB



23002B



# Inverse Universe

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



D78394



FF879F



83D79B



6B6063



AB0023



2B0009



# Previews

## White Background



This preview shows how the Hex color C683D7 looks on a white background.

## Color Contrast Check

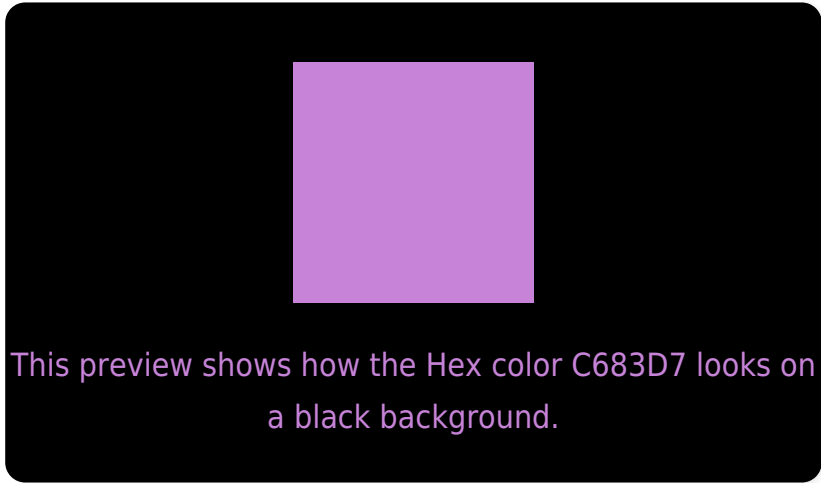
Large Text (above 18pt) WCAG AA × Fail

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

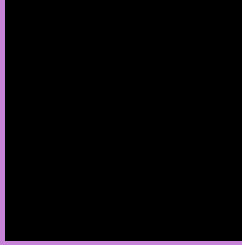
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C683D7 Background



This preview shows how black text looks on a background with the Hex color C683D7.

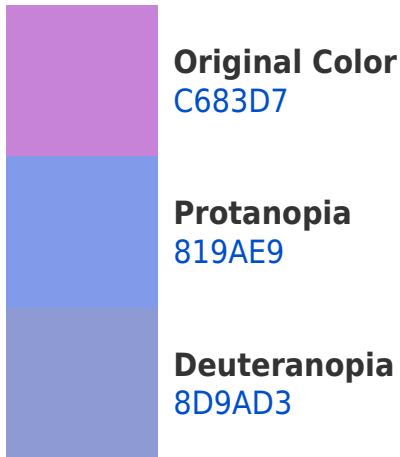


This preview shows how white text looks on a background with the Hex color C683D7.

# 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**  
BD909B

# Trichromacy



**Original Color**  
C683D7



**Protanomaly**  
9A92E2



**Deuteranomaly**  
A292D4



**Tritanomaly**  
C08BB1

# Monochromacy



**Original Color**  
C683D7



**Achromatopsia**  
A1A1A1



**Achromatomaly**  
AE96B5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C683D7 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 #C683D7 looks like.

```
.text, #text, p{  
    color:#C683D7  
}
```

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 #C683D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C683D7
}
```

## Border

The CSS property to change the border of an element to Hex C683D7 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
#C683D7 }
```

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

```
.border{ border-color:#C683D7 }
```

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

Here you see how a box with a 4 pixel #C683D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C683D7; -webkit-box-shadow:4px 4px  
4px 4px #C683D7; box-shadow:4px 4px 4px  
4px #C683D7 }
```

# Background

The CSS property to change the background color of an element to Hex C683D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C683D7 }
```

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

```
.background{ background-color:#C683D7 }
```

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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