

# Converting Colors

Hex(C685B0)

Have a look what the booklet for  
Hex(C685B0) contains.

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# **Color**

**Hex(C685B0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C685B0
RGB	198, 133, 176
RGB Percent	78%, 52%, 69%
CMY	0.2235, 0.4784, 0.3098
CMYK	0.00, 0.33, 0.11, 0.22
HSL	320°, 36%, 65%
HSV	320°, 33%, 78%
XYZ	39.5127, 31.9154, 45.1520
YIQ	157.3370, 24.9370, 27.1530

# Conversions

## Conversions Part 2

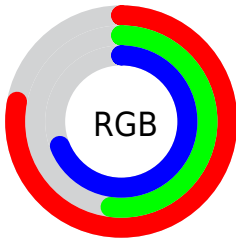
Format	Color
<a href="#">RYB</a>	<a href="#">198, 133, 176</a>
Decimal	<a href="#">13010352</a>
CIELab	<a href="#">63.27, 31.47, -12.47</a>
CIELCh	<a href="#">63, 33.852, 338.393</a>
Yxy	<a href="#">31.9154, 0.3389, 0.2738</a>
Android (android.graphics.Color)	<a href="#">4291200432 (0xFFC685B0)</a>
YUV	<a href="#">157.3370, 9.2009, 35.6615</a>
Hunter-Lab	<a href="#">56.4937, 25.9820, -7.8413</a>

# Details

The Hex color **C685B0** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **85C69B**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FFBBE8**, and **8F527B** is the 20% darker color. If you saturate the color by 10%, you get **C671A9**, and if you desaturate by 10%, it is **C699B7**.

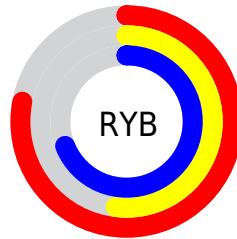
# Distribution



Red (78%)

Green (52%)

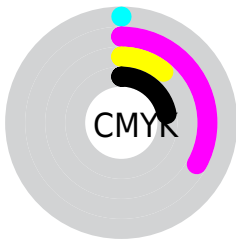
Blue (69%)



Red (78%)

Yellow (52%)

Blue (69%)

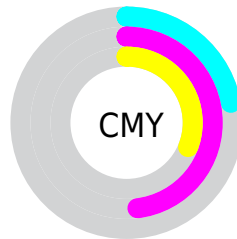


Cyan (0%)

Magenta (33%)

Yellow (11%)

Black (22%)



Cyan (22%)

Magenta (48%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C685B0 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 C685B0 by changing the saturation by 10% instead.



 C685B0

 C685B0

FFFFFF

 AA6B95

 FFBBE8

 8F527B

 FFD7FF

 753A63

 FFF4FF

 5B224B

 420934

 2C001F

 050002

 000000

 C685B0

 C685B0

 C671A9

 C699B7

 C65DA3

 C6ADBD

 C64A9C

 C6C0C4

 C63695

 C6D4CB

 C6228E

 C6E8D2

 C60E88

 C6FCD8

 C60083

 C6FFDF

 C6FFE6

 C6FFEC

# Harmonies

## Analogous

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



A88EC8



C685B0



D48292

# Triad

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



C685B0



A59A5D



20A8BE

# Complementary

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



C685B0



85C69B

# 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.



37A9A1



C685B0



84A269

# Square

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



C685B0



C09062



5FA882



49A2D0

# Rectangle

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



C685B0



D3847E



5FA882



21A9B5



# Sweetspot

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



C685B0



FFE6F6



9B85C6



80707A



000000



808080



# Same Dimension

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



C685B0



FF9CDD



C68590



635A60



A3006C



240018



# Inverse Universe

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



C685B0



FF9CDD



85C6BB



635A60



A3006C

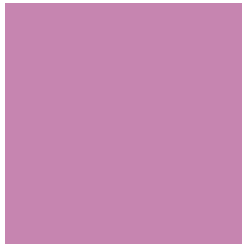


240018



# Previews

## White Background



This preview shows how the Hex color C685B0 looks on a white background.

## Color Contrast Check

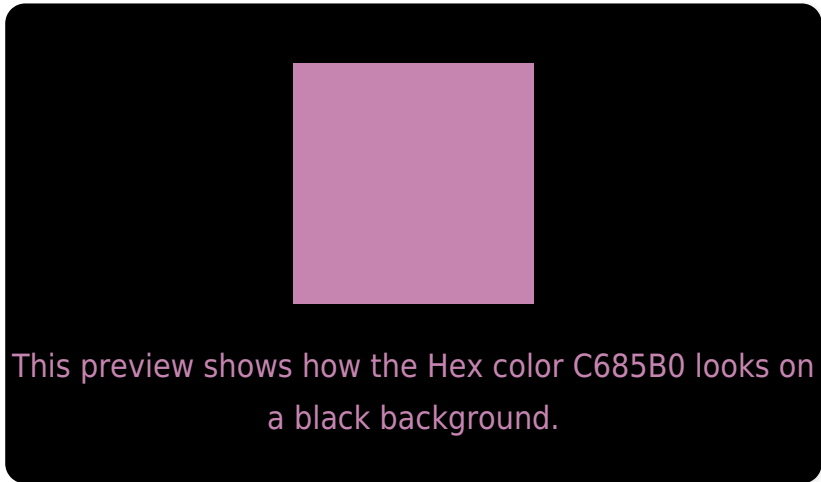
Large Text (above 18pt) WCAG AA × Fail

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

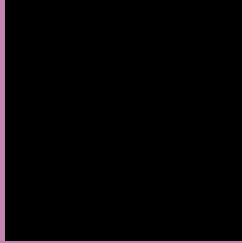
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C685B0 Background



This preview shows how black text looks on a background with the Hex color C685B0.

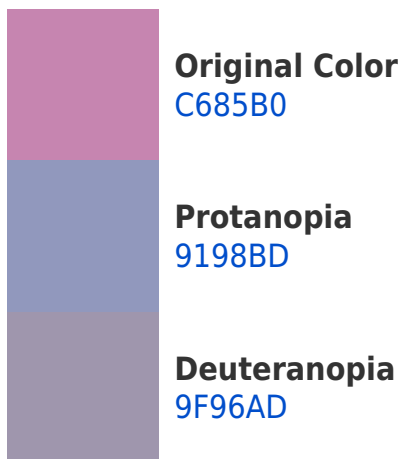



This preview shows how white text looks on a background with the Hex color C685B0.

# 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**  
C38A95

# Trichromacy



**Original Color**  
C685B0

**Protanomaly**  
A491B8

**Deuteranomaly**  
AD90AE

**Tritanomaly**  
C4889F

# Monochromacy



**Original Color**  
C685B0

**Achromatopsia**  
9D9D9D

**Achromatomaly**  
AC94A4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C685B0 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 #C685B0 looks like.

```
.text, #text, p{  
    color:#C685B0  
}
```

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 #C685B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C685B0
}
```

## Border

The CSS property to change the border of an element to Hex C685B0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

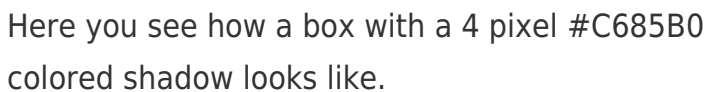
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C685B0 }
```

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

```
.border{ border-color:#C685B0 }
```

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



Here you see how a box with a 4 pixel `#C685B0` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C685B0; -webkit-box-shadow:4px 4px  
4px 4px #C685B0; box-shadow:4px 4px 4px  
4px #C685B0 }
```

# Background

The CSS property to change the background color of an element to Hex C685B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C685B0 }
```

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

```
.background{ background-color:#C685B0 }
```

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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