

Converting Colors

Hex(C685B2)

Have a look what the booklet for
Hex(C685B2) contains.

Hex(C685B2)	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(C685B2)

Conversions

Conversions Part 1

Format	Color
Hex	C685B2
RGB	198, 133, 178
RGB Percent	78%, 52%, 70%
CMY	0.2235, 0.4784, 0.3020
CMYK	0.00, 0.33, 0.10, 0.22
HSL	318°, 36%, 65%
HSV	318°, 33%, 78%
XYZ	39.7121, 31.9952, 46.2021
YIQ	157.5650, 24.2950, 27.7750

Conversions

Conversions Part 2

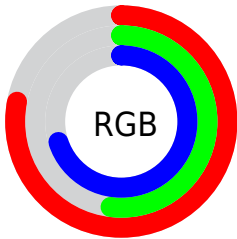
Format	Color
R_{YB}	198, 133, 178
Decimal	13010354
CIE _{Lab}	63.34, 31.82, -13.50
CIE _{LCh}	63, 34.561, 337.009
Yxy	31.9952, 0.3368, 0.2714
Android (android.graphics.Color)	4291200434 (0xFFC685B2)
YUV	157.5650, 10.0745, 35.4615
Hunter-Lab	56.5643, 26.3321, -8.8335

Details

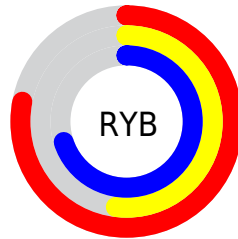
The Hex color **C685B2** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **85C699**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FFBBEA**, and **8F527D** is the 20% darker color. If you saturate the color by 10%, you get **C671AC**, and if you desaturate by 10%, it is **C699B8**.

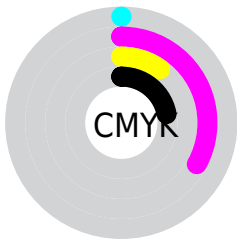
Distribution



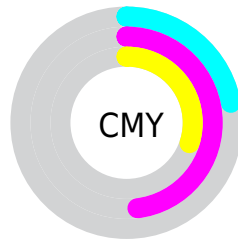
- Red (78%)
- Green (52%)
- Blue (70%)



- Red (78%)
- Yellow (52%)
- Blue (70%)



- Cyan (0%)
- Magenta (33%)
- Yellow (10%)
- Black (22%)



- Cyan (22%)
- Magenta (48%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color C685B2 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 C685B2 by changing the saturation by 10% instead.



C685B2



C685B2

FFFFFF



AA6B97



FFBBEA



8F527D



FFD7FF



753A64



FFF4FF



5B224C



420935



2C0020



060005



000000



C685B2



C685B2

 C671AC

 C699B8

 C65DA6

 C6ADBE

 C64AA0

 C6C0C4

 C6369A

 C6D4CA

 C62294

 C6E8D0

 C60E8D

 C6FCD7

 C60089

 C6FFDD

 C6FFE3

 C6FFE9

Harmonies

Analogous

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



A68FCB



C685B2



D58193

Triad

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



C685B2



A79A5C



16A8BD

Complementary

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



C685B2



85C699

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.



35AAA0



C685B2



85A267

Square

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



C685B2



C28F61



60A880



43A3D1

Rectangle

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



C685B2



D5837F



60A880



1AA9B4

Sweetspot

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



C685B2



FFE6F7



9985C6



80707B



000000



808080

Same Dimension

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



C685B2



FF9CE0



C68592



635A60



A30071



240019

Inverse Universe

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



C685B2



FF9CE0



85C6B9



635A60



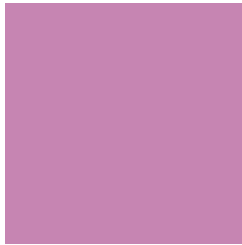
A30071



240019

Previews

White Background



This preview shows how the Hex color C685B2 looks on a white background.

Color Contrast Check

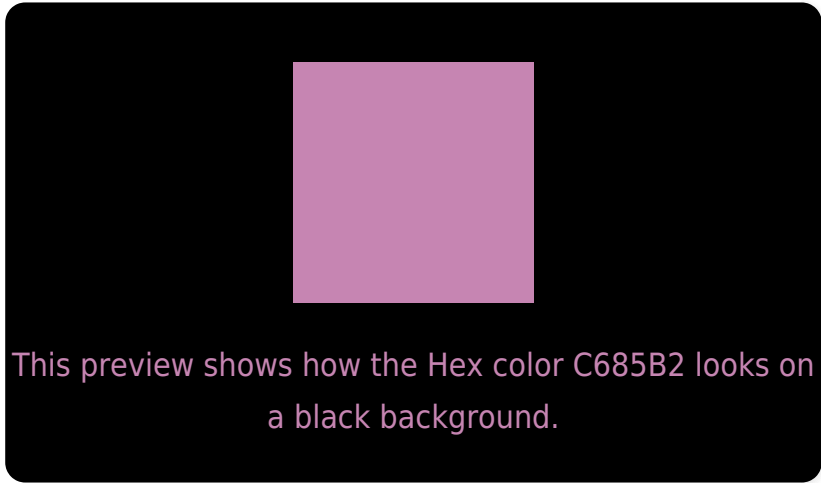
Large Text (above 18pt) WCAG AA × Fail

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

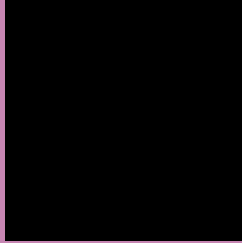
Any Text WCAG AA ✓ Pass

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 C685B2 Background



This preview shows how black text looks on a background with the Hex color C685B2.

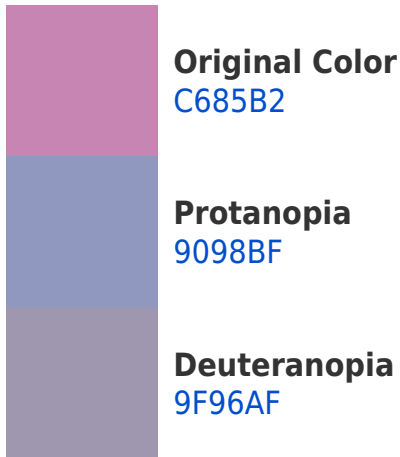



This preview shows how white text looks on a background with the Hex color C685B2.

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](#).

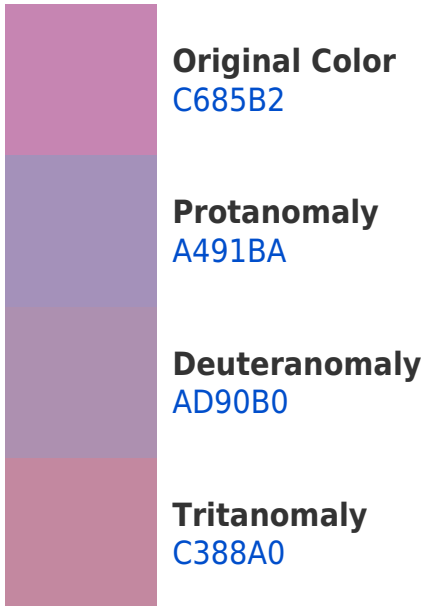
Dichromacy



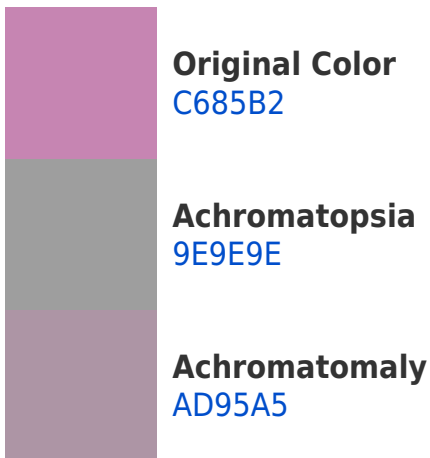


Tritanopia
C28A95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C685B2 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 #C685B2 looks like.

```
.text, #text, p{  
    color:#C685B2  
}
```

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 #C685B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C685B2
}
```

Border

The CSS property to change the border of an element to Hex C685B2 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
#C685B2 }
```

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

```
.border{ border-color:#C685B2 }
```

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

Here you see how a box with a 4 pixel #C685B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C685B2; -webkit-box-shadow:4px 4px  
4px 4px #C685B2; box-shadow:4px 4px 4px  
4px #C685B2 }
```

Background

The CSS property to change the background color of an element to Hex C685B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C685B2 }
```

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

```
.background{ background-color:#C685B2 }
```

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