

Converting Colors

Hex(C681AC)

Have a look what the booklet for
Hex(C681AC) contains.

Hex(C681AC)	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(C681AC)

Conversions

Conversions Part 1

Format	Color
Hex	C681AC
RGB	198, 129, 172
RGB Percent	78%, 51%, 67%
CMY	0.2235, 0.4941, 0.3255
CMYK	0.00, 0.35, 0.13, 0.22
HSL	323°, 38%, 64%
HSV	323°, 35%, 78%
XYZ	38.5854, 30.6848, 42.9188
YIQ	154.5330, 27.3210, 28.0010

Conversions

Conversions Part 2

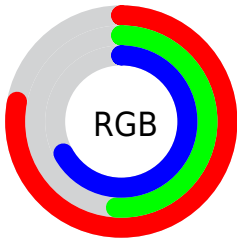
Format	Color
R _Y B	198, 129, 172
Decimal	13009324
CIE Lab	62.24, 32.98, -11.74
CIE LCh	62, 35.009, 340.398
Yxy	30.6848, 0.3439, 0.2735
Android (android.graphics.Color)	4291199404 (0xFFC681AC)
YUV	154.5330, 8.6112, 38.1206
Hunter-Lab	55.3939, 27.3972, -7.1618

Details

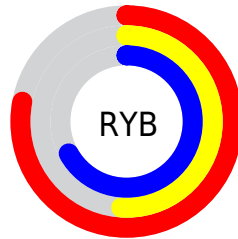
The Hex color **C681AC** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **81C69B**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FFB7E3**, and **8F4E78** is the 20% darker color. If you saturate the color by 10%, you get **C66DA5**, and if you desaturate by 10%, it is **C695B3**.

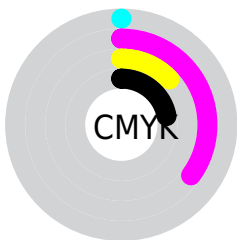
Distribution



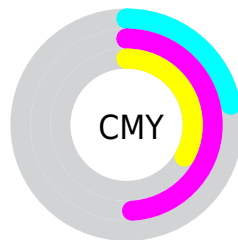
- Red (78%)
- Green (51%)
- Blue (67%)



- Red (78%)
- Yellow (51%)
- Blue (67%)



- Cyan (0%)
- Magenta (35%)
- Yellow (13%)
- Black (22%)



- Cyan (22%)
- Magenta (49%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color C681AC 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 C681AC by changing the saturation by 10% instead.

 C681AC

FFFFFF

 FFB7E3

 FFD3FF

 FFEFFF

 C681AC

 AA6791

 8F4E78

 74365F

 5B1E47

 420331

 2C001C

 000000

 C681AC

 C66DA5

 C681AC

 C695B3

 C6599D

 C6A9BB

 C64696

 C6BCC2

 C6328E

 C6D0CA

 C61E87

 C6E4D1

 C60A7F

 C6F8D9

 C6007B

 C6FFE0

 C6FFE8

 C6FFEF

Harmonies

Analogous

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



A88AC6



C681AC



D37E8D

Triad

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



C681AC



A09858



03A5BE

Complementary

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



C681AC



81C69B

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.



28A7A1



C681AC



7EA066

Square

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



C681AC



BC8E5C



57A581



449FD0

Rectangle

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



C681AC



D28179



57A581



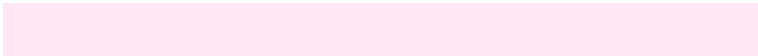
01A6B5

Sweetspot

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



C681AC



FFE6F5



9A81C6



80707A



000000



808080

Same Dimension

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



C681AC



FF94D7



C6818A



635A60



A30066



240016

Inverse Universe

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



C681AC



FF94D7



81C6BD



635A60



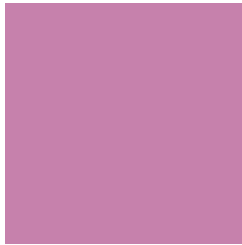
A30066



240016

Previews

White Background



This preview shows how the Hex color C681AC looks on a white background.

Color Contrast Check

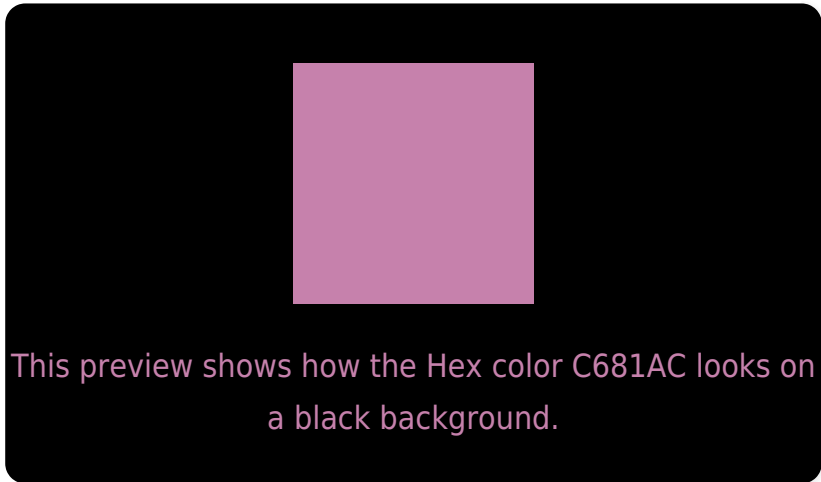
Large Text (above 18pt) WCAG AA × Fail

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

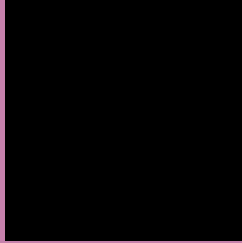
Any Text WCAG AA ✓ Pass

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 C681AC Background



This preview shows how black text looks on a background with the Hex color C681AC.

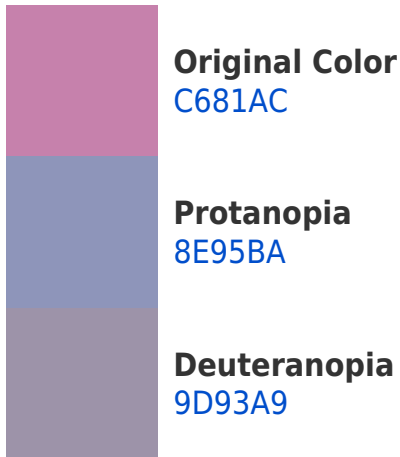


This preview shows how white text looks on a background with the Hex color C681AC.

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](#).

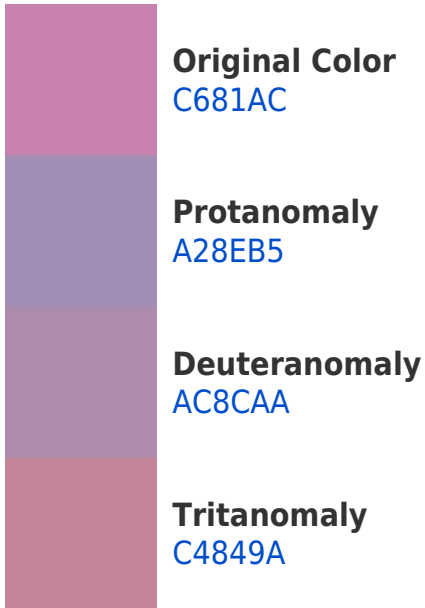
Dichromacy



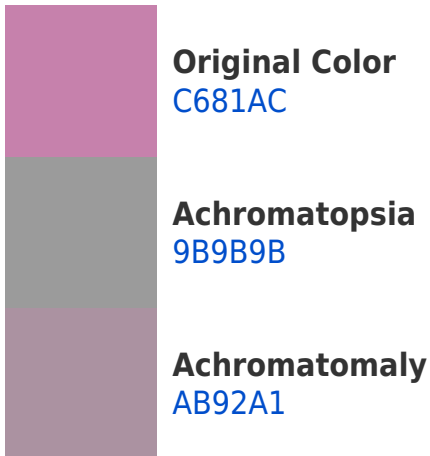


Tritanopia
C38690

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C681AC 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 #C681AC looks like.

```
.text, #text, p{  
    color:#C681AC  
}
```

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 #C681AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C681AC
}
```

Border

The CSS property to change the border of an element to Hex C681AC is called "border". The border property can be set on classes, ids or directly on the HTML element.

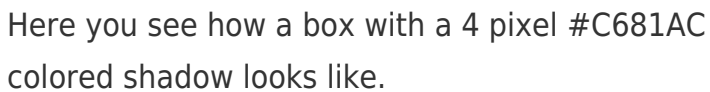
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C681AC }
```

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

```
.border{ border-color:#C681AC }
```

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

A rectangular box with a 4px purple shadow. The box is white with a thin purple border. The shadow is a darker purple, 4px wide and 4px high, offset to the right and bottom of the box.

Here you see how a box with a 4 pixel #C681AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C681AC; -webkit-box-shadow:4px 4px  
4px 4px #C681AC; box-shadow:4px 4px 4px  
4px #C681AC }
```

Background

The CSS property to change the background color of an element to Hex C681AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C681AC }
```

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

```
.background{ background-color:#C681AC }
```

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