

# Converting Colors

Hex(A681C8)

Have a look what the booklet for  
Hex(A681C8) contains.

<b>Hex(A681C8)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(A681C8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A681C8
RGB	166, 129, 200
RGB Percent	65%, 51%, 78%
CMY	0.3490, 0.4941, 0.2157
CMYK	0.17, 0.36, 0.00, 0.22
HSL	271°, 39%, 65%
HSV	271°, 36%, 78%
XYZ	34.0015, 27.9776, 58.2517
YIQ	148.1570, -0.7390, 29.9250

# Conversions

## Conversions Part 2

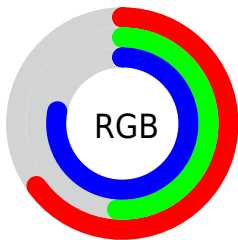
Format	Color
<a href="#">RYB</a>	<a href="#">166, 129, 200</a>
Decimal	<a href="#">10912200</a>
CIELab	<a href="#">59.87, 27.92, -31.55</a>
CIElCh	<a href="#">60, 42.133, 311.507</a>
Yxy	<a href="#">27.9776, 0.2828, 0.2327</a>
Android (android.graphics.Color)	<a href="#">4289102280 (0xFFA681C8)</a>
YUV	<a href="#">148.1570, 25.5586, 15.6483</a>
Hunter-Lab	<a href="#">52.8939, 22.1798, -28.2700</a>

# Details

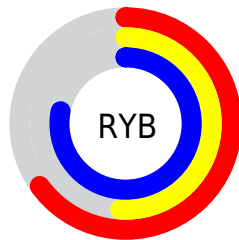
The Hex color **A681C8** is a light color, and the websafe version is hex **996699**. A complement of this color would be **A3C881**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **DEB6FF**, and **714F92** is the 20% darker color. If you saturate the color by 10%, you get **9C6DC8**, and if you desaturate by 10%, it is **B095C8**.

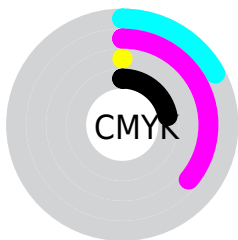
# Distribution



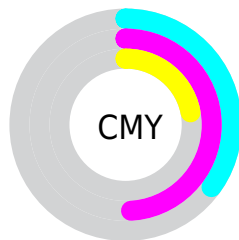
- Red (65%)
- Green (51%)
- Blue (78%)



- Red (65%)
- Yellow (51%)
- Blue (78%)



- Cyan (17%)
- Magenta (36%)
- Yellow (0%)
- Black (22%)



- Cyan (35%)
- Magenta (49%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A681C8 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 A681C8 by changing the saturation by 10% instead.



 A681C8

 A681C8

FFFFFF

 8B68AC

 DEB6FF

 714F92

 FBD2FF

 573878

 FFEEFF

 3F215F

 260B47

 160030

 00011A

 000000

 A681C8

 A681C8

9C6DC8

B095C8

9359C8

B9A9C8

8945C8

C3BDC8

8031C8

CCD1C8

761DC8

D6E5C8

6D09C8

DFF9C8

6800C8

E9FFC8

F3FFC8

FCFFC8

# Harmonies

## Analogous

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



6D8FD9



A681C8



C975A9

# Triad

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



A681C8



BA8649



00A39E

# Complementary

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



A681C8



A3C881

# 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.



3AA277



A681C8



999345

# Square

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



A681C8



D07961



709C57



00A1C0

# Rectangle

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



A681C8



D47190



709C57



00A391



# Sweetspot

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



A681C8



F2E3FF



81A3C8



786F80



000000



808080



# Same Dimension

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



A681C8



CA91FF



C881C7



5F5A63



5500A3



130024



# Inverse Universe

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



C881A3



FF91C6



81C882



635A5E



A3004E

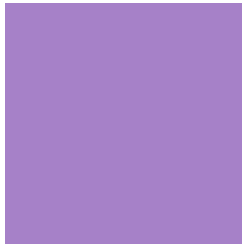


240011



# Previews

## White Background



This preview shows how the Hex color A681C8 looks on a white background.

## Color Contrast Check

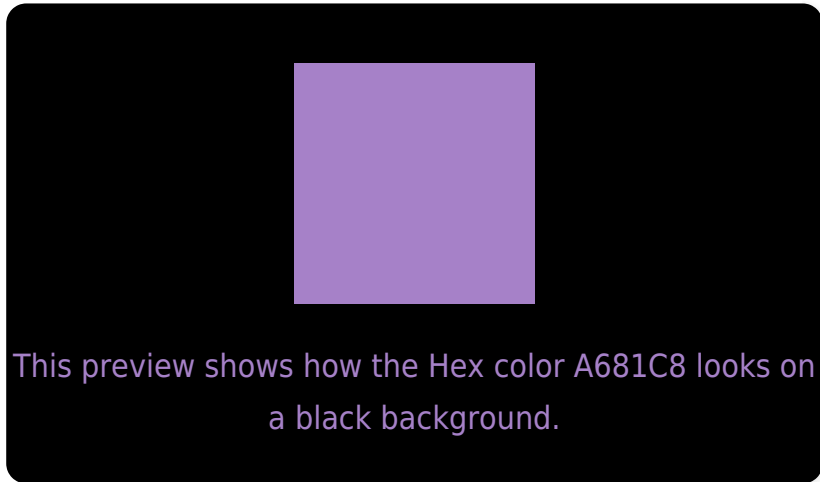
Large Text (above 18pt) WCAG AA ✓ Pass

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

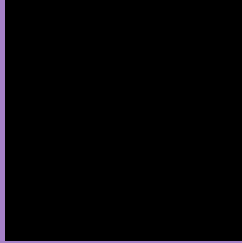
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A681C8 Background



This preview shows how black text looks on a background with the Hex color A681C8.

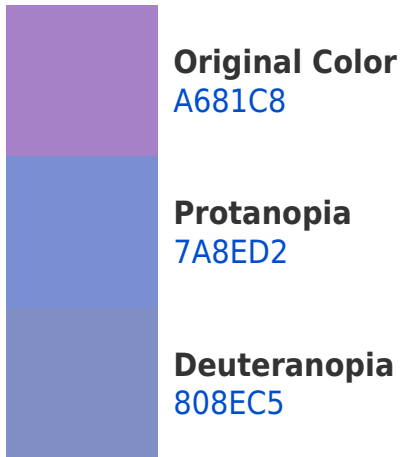


This preview shows how white text looks on a background with the Hex color A681C8.

# 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](#).

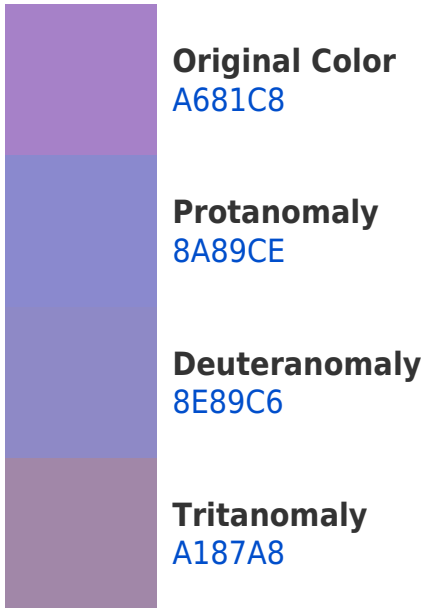
## Dichromacy



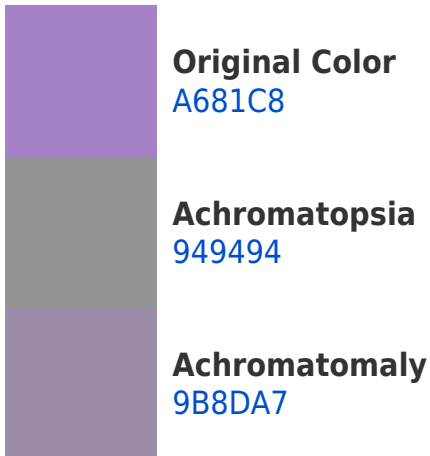


**Tritanopia**  
9E8B96

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A681C8 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 #A681C8 looks like.

```
.text, #text, p{  
    color:#A681C8  
}
```

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 #A681C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A681C8  
}
```

## Border

The CSS property to change the border of an element to Hex A681C8 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  
#A681C8 }
```

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

```
.border{ border-color:#A681C8 }
```

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

Here you see how a box with a 4 pixel #A681C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A681C8; -webkit-box-shadow:4px 4px  
4px 4px #A681C8; box-shadow:4px 4px 4px  
4px #A681C8 }
```

# Background

The CSS property to change the background color of an element to Hex A681C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A681C8 }
```

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

```
.background{ background-color:#A681C8 }
```

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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