

# Converting Colors

Hex(A680C4)

Have a look what the booklet for  
Hex(A680C4) contains.

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# **Color**

**Hex(A680C4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A680C4
RGB	166, 128, 196
RGB Percent	65%, 50%, 77%
CMY	0.3490, 0.4980, 0.2314
CMYK	0.15, 0.35, 0.00, 0.23
HSL	274°, 37%, 64%
HSV	274°, 35%, 77%
XYZ	33.4089, 27.5309, 55.7777
YIQ	147.1140, 0.8200, 29.2040

# Conversions

## Conversions Part 2

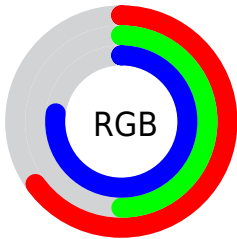
Format	Color
<a href="#">RYB</a>	<a href="#">166, 128, 196</a>
Decimal	<a href="#">10911940</a>
CIELab	<a href="#">59.46, 27.60, -29.92</a>
CIELCh	<a href="#">59, 40.705, 312.687</a>
Yxy	<a href="#">27.5309, 0.2862, 0.2359</a>
Android (android.graphics.Color)	<a href="#">4289102020 (0xFFA680C4)</a>
YUV	<a href="#">147.1140, 24.1008, 16.5630</a>
Hunter-Lab	<a href="#">52.4699, 21.8331, -26.2989</a>

# Details

The Hex color **A680C4** is a light color, and the websafe version is hex **996699**. A complement of this color would be **9EC480**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **DEB5FD**, and **714E8E** is the 20% darker color. If you saturate the color by 10%, you get **9D6CC4**, and if you desaturate by 10%, it is **AF94C4**.

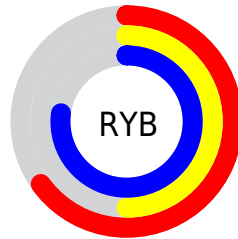
# Distribution



Red (65%)

Green (50%)

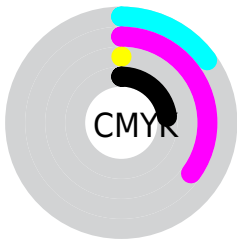
Blue (77%)



Red (65%)

Yellow (50%)

Blue (77%)

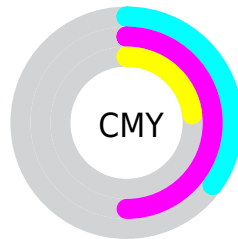


Cyan (15%)

Magenta (35%)

Yellow (0%)

Black (23%)



Cyan (35%)

Magenta (50%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A680C4 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 A680C4 by changing the saturation by 10% instead.



 A680C4

 A680C4

FFFFFF

 8B67A9

 DEB5FD

 714E8E

 FBD1FF

 583774

 FFEDFF

 3F205B

 270A43

 15002D

 000117

 000000

 A680C4

 A680C4

9D6CC4

AF94C4

9559C4

B7A7C4

8C45C4

C0BBC4

8332C4

C9CEC4

7B1EC4

D1E2C4

720AC4

DAF6C4

6E00C4

E3FFC4

EBFFC4

F4FFC4

# Harmonies

## Analogous

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



718ED5



A680C4



C775A5

# Triad

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



A680C4



B7864A



00A29E

# Complementary

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



A680C4



9EC480

# 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.



3BA079



A680C4



969247

# Square

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



A680C4



CD7960



6F9B59



009BF8

# Rectangle

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



A680C4



D2728D



6F9B59



00A291



# Sweetspot

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



A680C4



F4E6FF



809FC4



797080



000000



808080



# Same Dimension

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



A680C4



D094FF



C480C1



5D5761



5A00A1



130021



# Inverse Universe

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



C4809E



FF94C3



80C483



61575B



A10047

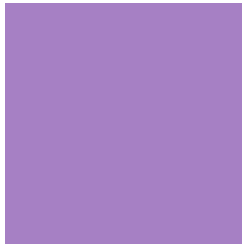


21000F



# Previews

## White Background



This preview shows how the Hex color A680C4 looks on a white background.

## Color Contrast Check

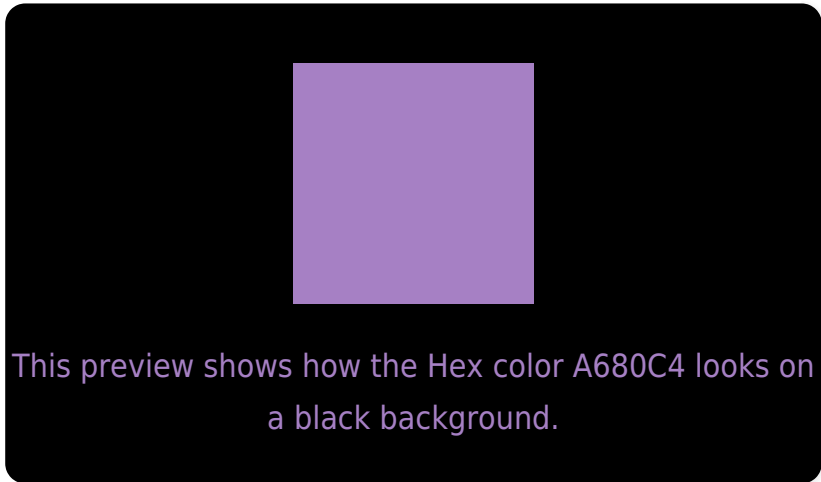
Large Text (above 18pt) WCAG AA ✓ Pass

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

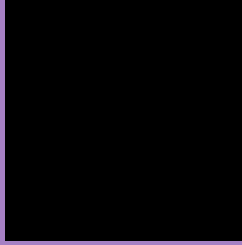
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A680C4 Background



This preview shows how black text looks on a background with the Hex color A680C4.

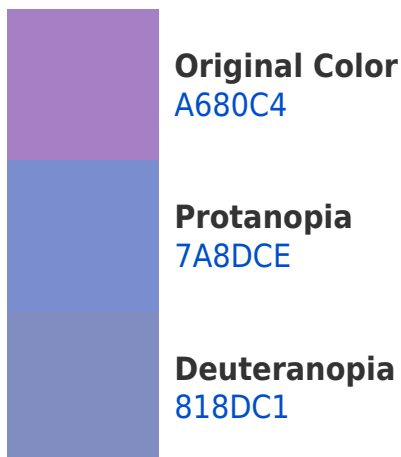


This preview shows how white text looks on a background with the Hex color A680C4.

# 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](#).

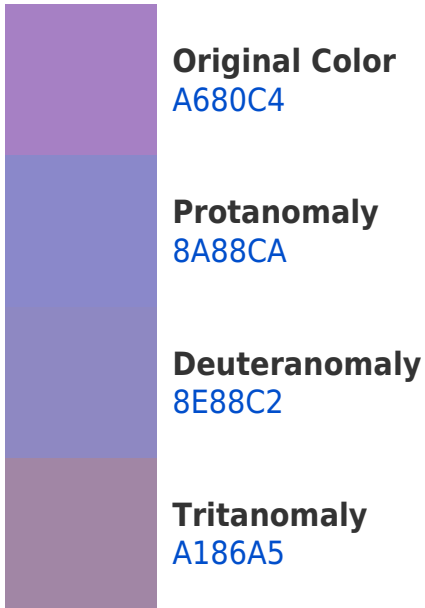
## Dichromacy



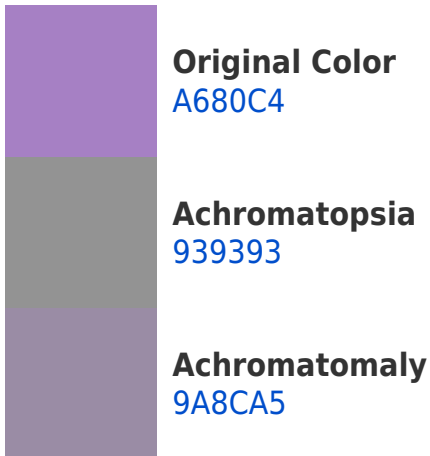


**Tritanopia**  
9E8A94

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A680C4 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 #A680C4 looks like.

```
.text, #text, p{  
    color:#A680C4  
}
```

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 #A680C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A680C4
}
```

## Border

The CSS property to change the border of an element to Hex A680C4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

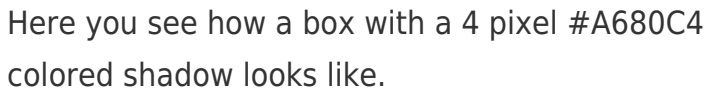
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A680C4 }
```

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

```
.border{ border-color:#A680C4 }
```

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



Here you see how a box with a 4 pixel #A680C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A680C4; -webkit-box-shadow:4px 4px  
4px 4px #A680C4; box-shadow:4px 4px 4px  
4px #A680C4 }
```

# Background

The CSS property to change the background color of an element to Hex A680C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A680C4 }
```

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

```
.background{ background-color:#A680C4 }
```

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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