

# Converting Colors

Hex(A480CB)

Have a look what the booklet for  
Hex(A480CB) contains.

<b>Hex(A480CB)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(A480CB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A480CB
RGB	164, 128, 203
RGB Percent	64%, 50%, 80%
CMY	0.3569, 0.4980, 0.2039
CMYK	0.19, 0.37, 0.00, 0.20
HSL	269°, 42%, 65%
HSV	269°, 37%, 80%
XYZ	33.8085, 27.6427, 60.0536
YIQ	147.3140, -2.6190, 30.9570

# Conversions

## Conversions Part 2

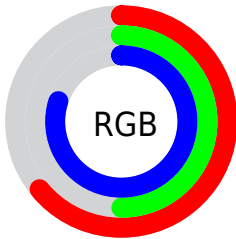
Format	Color
<a href="#">RYB</a>	<a href="#">164, 128, 203</a>
Decimal	<a href="#">10780875</a>
CIELab	<a href="#">59.56, 28.56, -33.73</a>
CIELCh	<a href="#">60, 44.199, 310.252</a>
Yxy	<a href="#">27.6427, 0.2782, 0.2275</a>
Android (android.graphics.Color)	<a href="#">4288970955</a> ( <a href="#">0xFFA480CB</a> )
YUV	<a href="#">147.3140, 27.4532, 14.6336</a>
Hunter-Lab	<a href="#">52.5763, 22.7737, -30.9187</a>

# Details

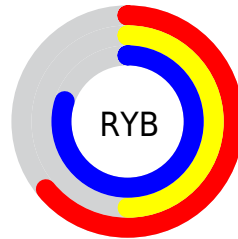
The Hex color **A480CB** is a light color, and the websafe version is hex **996699**. A complement of this color would be **A7CB80**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **DCB5FF**, and **6F4E95** is the 20% darker color. If you saturate the color by 10%, you get **996CCB**, and if you desaturate by 10%, it is **AF94CB**.

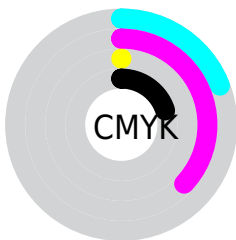
# Distribution



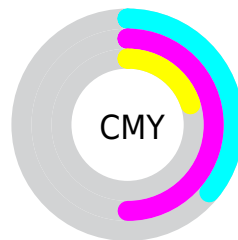
- Red (64%)
- Green (50%)
- Blue (80%)



- Red (64%)
- Yellow (50%)
- Blue (80%)



- Cyan (19%)
- Magenta (37%)
- Yellow (0%)
- Black (20%)



- Cyan (36%)
- Magenta (50%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A480CB 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 A480CB by changing the saturation by 10% instead.



 A480CB

 A480CB

FFFFFF

 8967AF

 DCB5FF

 6F4E95

 F9D1FF

 55377A

 FFEDFF

 3C2061

 240A49

 120032

 00021C

 000000

 A480CB

 A480CB

996CCB

AF94CB

8F57CB

B9A9CB

8443CB

C4BDCB

7A2FCB

CED1CB

6F1BCB

D9E6CB

6506CB

E3FACB

6100CB

EEFFCB

F8FFCB

FFFFCB

# Harmonies

## Analogous

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



668FDC



A480CB



CA73AB

# Triad

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



A480CB



BC8446



00A39C

# Complementary

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



A480CB



A7CB80

# 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.



35A174



A480CB



9A9240

# Square

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



A480CB



D3765F



709C52



00A1C1

# Rectangle

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



A480CB



D66F91



709C52



00A38F



# Sweetspot

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



A480CB



F0E3FF



80A8CB



776F80



000000



808080



# Same Dimension

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



A480CB



C58FFF



C980CB



615C66



5000A6



120026



# Inverse Universe

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



CB80A7



FF8FC9



83CB80



665C61



A60056

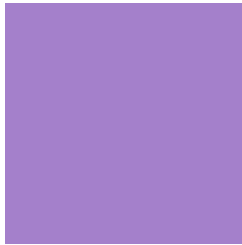


260014



# Previews

## White Background



This preview shows how the Hex color A480CB looks on a white background.

## Color Contrast Check

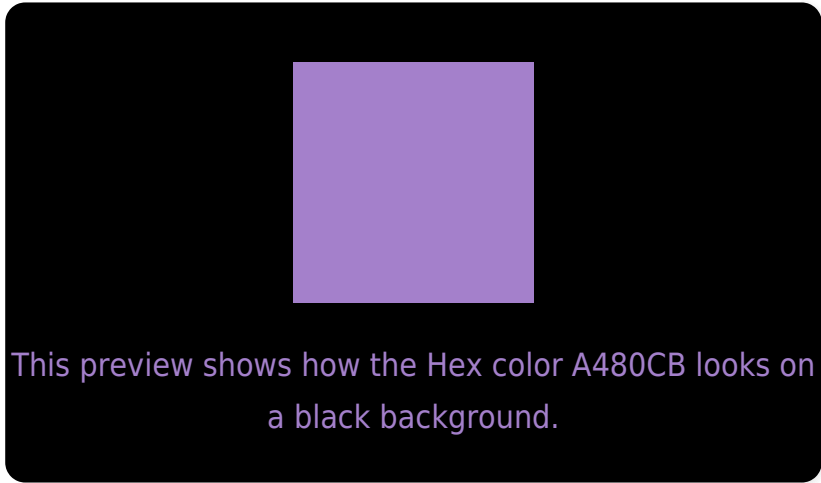
Large Text (above 18pt) WCAG AA ✓ Pass

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

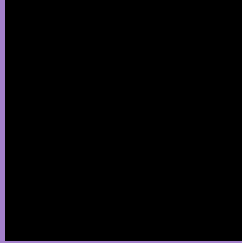
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A480CB Background



This preview shows how black text looks on a background with the Hex color A480CB.



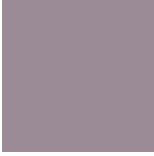
This preview shows how white text looks on a background with the Hex color A480CB.

# 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



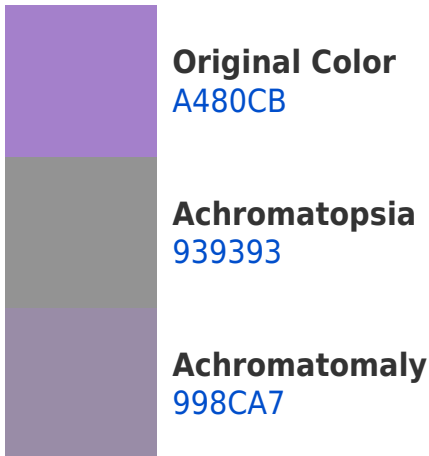


**Tritanopia**  
9B8B96

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A480CB 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 #A480CB looks like.

```
.text, #text, p{  
    color:#A480CB  
}
```

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 #A480CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A480CB
}
```

## Border

The CSS property to change the border of an element to Hex A480CB is called "border". The border property can be set on classes, ids or directly on the HTML element.

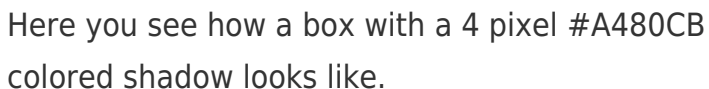
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A480CB }
```

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

```
.border{ border-color:#A480CB }
```

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



Here you see how a box with a 4 pixel #A480CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A480CB; -webkit-box-shadow:4px 4px  
4px 4px #A480CB; box-shadow:4px 4px 4px  
4px #A480CB }
```

# Background

The CSS property to change the background color of an element to Hex A480CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A480CB }
```

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

```
.background{ background-color:#A480CB }
```

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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