

# Converting Colors

Hex(A49CB0)

Have a look what the booklet for  
Hex(A49CB0) contains.

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# **Color**

**Hex(A49CB0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A49CB0
RGB	164, 156, 176
RGB Percent	64%, 61%, 69%
CMY	0.3569, 0.3882, 0.3098
CMYK	0.07, 0.11, 0.00, 0.31
HSL	264°, 11%, 65%
HSV	264°, 11%, 69%
XYZ	35.0348, 34.8040, 45.9456
YIQ	160.6720, -1.6520, 7.9160

# Conversions

## Conversions Part 2

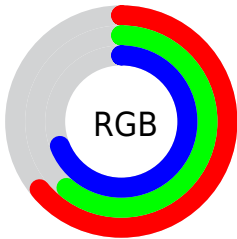
Format	Color
<a href="#">RYB</a>	<a href="#">164, 156, 176</a>
Decimal	<a href="#">10788016</a>
CIELab	<a href="#">65.60, 6.79, -9.33</a>
CIELCh	<a href="#">66, 11.541, 306.068</a>
Yxy	<a href="#">34.8040, 0.3026, 0.3006</a>
Android (android.graphics.Color)	<a href="#">4288978096</a> ( <a href="#">0xFFA49CB0</a> )
YUV	<a href="#">160.6720, 7.5567, 2.9187</a>
Hunter-Lab	<a href="#">58.9949, 2.7630, -4.8789</a>

# Details

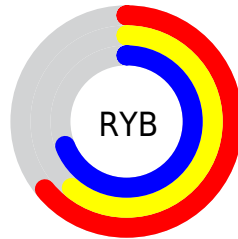
The Hex color **A49CB0** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A8B09C**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **DBD2E8**, and **70697C** is the 20% darker color. If you saturate the color by 10%, you get **998AB0**, and if you desaturate by 10%, it is **AFAEB0**.

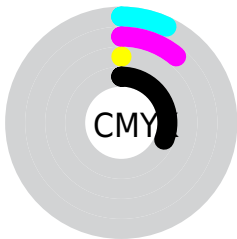
# Distribution



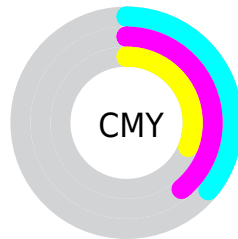
- Red (64%)
- Green (61%)
- Blue (69%)



- Red (64%)
- Yellow (61%)
- Blue (69%)



- Cyan (7%)
- Magenta (11%)
- Yellow (0%)
- Black (31%)



- Cyan (36%)
- Magenta (39%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A49CB0 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 A49CB0 by changing the saturation by 10% instead.



 A49CB0

 A49CB0

FFFFFF

 8A8295

 DBD2E8

 70697C

 F8EFFF

 585163

 403A4B

 2A2434

 160F1F

 000004

 000000

 A49CB0

 A49CB0

998AB0

AFAEB0

8F79B0

B9BFB0

8467B0

C4D1B0

7A56B0

CEE2B0

6F44B0

D9F4B0

6532B0

E3FFB0

5A21B0

EEFFB0

500FB0

F8FFB0

4600B0

FFFFB0

# Harmonies

## Analogous

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



979FB4



A49CB0



AF99A8

# Triad

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



A49CB0



AF9C8D



87A6A1

# Complementary

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



A49CB0



A8B09C

# 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.



8FA597



A49CB0



A69F8B

# Square

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



A49CB0



B59994



9AA28E



85A5AB

# Rectangle

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



A49CB0



B498A1



9AA28E



89A59D



# Sweetspot

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



A49CB0



E1DFE6



9CA8B0



706E73



F2F2F2



737373



# Same Dimension

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



A49CB0



D2C5E6



AE9CB0



545059



3D0099



0A001A



# Inverse Universe

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



B09CA8



E6C5D9



9EB09C



595056



99005C

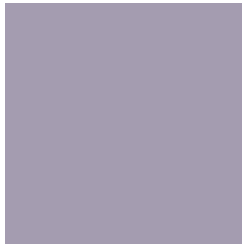


1A000F



# Previews

## White Background



This preview shows how the Hex color A49CB0 looks on a white background.

## Color Contrast Check

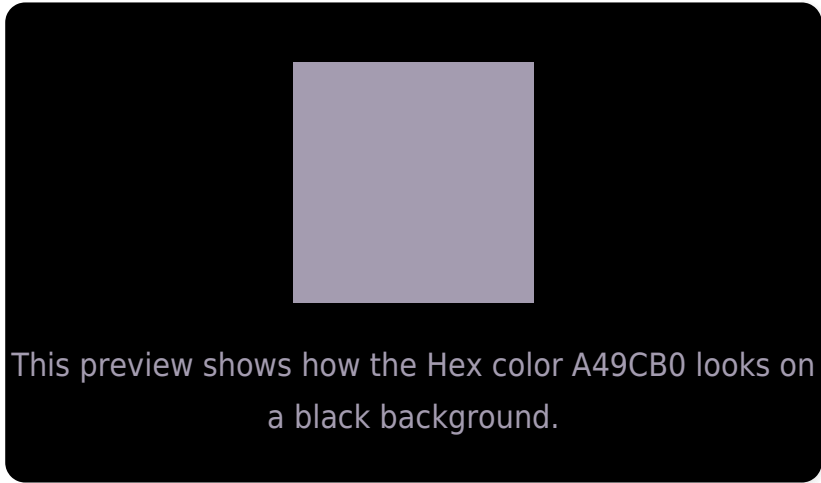
Large Text (above 18pt) WCAG AA × Fail

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

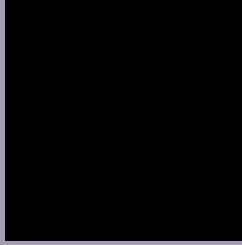
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A49CB0 Background



This preview shows how black text looks on a background with the Hex color A49CB0.



This preview shows how white text looks on a background with the Hex color A49CB0.

# 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



**Original Color**  
A49CB0

**Protanopia**  
9D9EB1

**Deuteranopia**  
A79BB0



**Tritanopia**  
A39DA9

# Trichromacy



**Original Color**

A49CB0

**Protanomaly**

A09DB1

**Deuteranomaly**

A69BB0

**Tritanomaly**

A39DAC

# Monochromacy



**Original Color**

A49CB0

**Achromatopsia**

A1A1A1

**Achromatomaly**

A29FA6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A49CB0 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 #A49CB0 looks like.

```
.text, #text, p{  
    color:#A49CB0  
}
```

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 #A49CB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A49CB0  
}
```

## Border

The CSS property to change the border of an element to Hex A49CB0 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  
#A49CB0 }
```

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

```
.border{ border-color:#A49CB0 }
```

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

Here you see how a box with a 4 pixel #A49CB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A49CB0; -webkit-box-shadow:4px 4px  
4px 4px #A49CB0; box-shadow:4px 4px 4px  
4px #A49CB0 }
```

# Background

The CSS property to change the background color of an element to Hex A49CB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A49CB0 }
```

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

```
.background{ background-color:#A49CB0 }
```

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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