

# Converting Colors

Hex(A49BE2)

Have a look what the booklet for  
Hex(A49BE2) contains.

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# **Color**

**Hex(A49BE2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A49BE2
RGB	164, 155, 226
RGB Percent	64%, 61%, 89%
CMY	0.3569, 0.3922, 0.1137
CMYK	0.27, 0.31, 0.00, 0.11
HSL	248°, 55%, 75%
HSV	248°, 31%, 89%
XYZ	40.7587, 36.8262, 76.9115
YIQ	165.7850, -17.4270, 23.9890

# Conversions

## Conversions Part 2

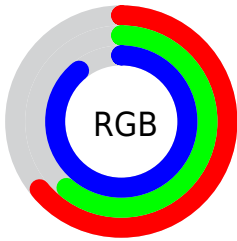
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">164, 155, 226</a>
Decimal	<a href="#">10787810</a>
CIELab	<a href="#">67.15, 18.66, -34.76</a>
CIElCh	<a href="#">67, 39.453, 298.225</a>
Yxy	<a href="#">36.8262, 0.2638, 0.2384</a>
Android (android.graphics.Color)	<a href="#">4288977890</a> ( <a href="#">0xFFA49BE2</a> )
YUV	<a href="#">165.7850, 29.6860, -1.5654</a>
Hunter-Lab	<a href="#">60.6846, 13.6911, -32.6648</a>

# Details

The Hex color **A49BE2** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **D9E29B**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **DCD1FF**, and **6E68AA** is the 20% darker color. If you saturate the color by 10%, you get **9084E2**, and if you desaturate by 10%, it is **B8B2E2**.

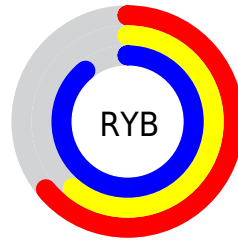
# Distribution



Red (64%)

Green (61%)

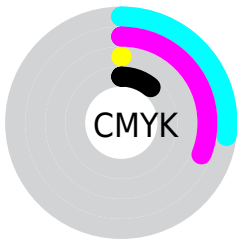
Blue (89%)



Red (64%)

Yellow (61%)

Blue (89%)

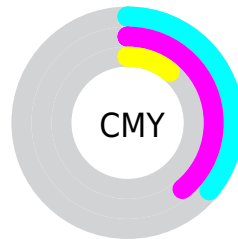


Cyan (27%)

Magenta (31%)

Yellow (0%)

Black (11%)



Cyan (36%)

Magenta (39%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A49BE2 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 A49BE2 by changing the saturation by 10% instead.



 A49BE2

 A49BE2

FFFFFF

 8981C6

 DCD1FF

 6E68AA

 F9EEFF

 555090

 3B3976

 21235D

 020F45

 00002E

 000118

 000000

 A49BE2

 A49BE2

 9084E2

 B8B2E2

 7D6EE2

 CBC8E2

 6957E2

 DFDFE2

 5541E2

 F3F5E2

 412AE2

 FFFFE2

 2E13E2

 1D00E2

# Harmonies

## Analogous

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



69A8EA



A49BE2



CE8EC9

# Triad

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



A49BE2



D89468



37B6A0

# Complementary

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



A49BE2



D9E29B

# 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.



6DB37D



A49BE2



BCA15C

# Square

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



A49BE2



E78A84



98AB63



00B6C4

# Rectangle

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



A49BE2



DF89B3



98AB63



4CB594



# Sweetspot

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



A49BE2



EBE8FF



9BDAE2



737180



000000



808080



# Same Dimension

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



A49BE2



AA9EFF



C79BE2



666570



1600B0



060030



# Inverse Universe

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



E29BD9



FF9EF3



B6E29B



70656F



B0009A

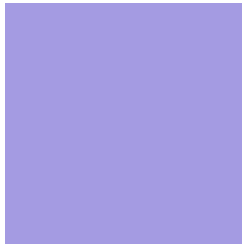


30002A



# Previews

## White Background



This preview shows how the Hex color A49BE2 looks on a white background.

## Color Contrast Check

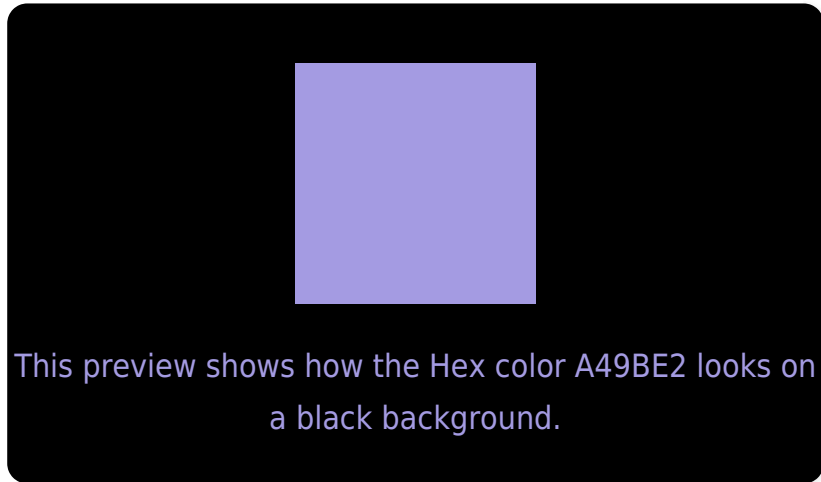
Large Text (above 18pt) WCAG AA × Fail

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

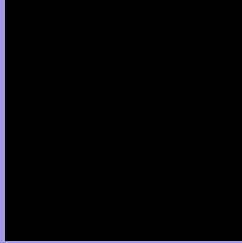
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A49BE2 Background



This preview shows how black text looks on a background with the Hex color A49BE2.

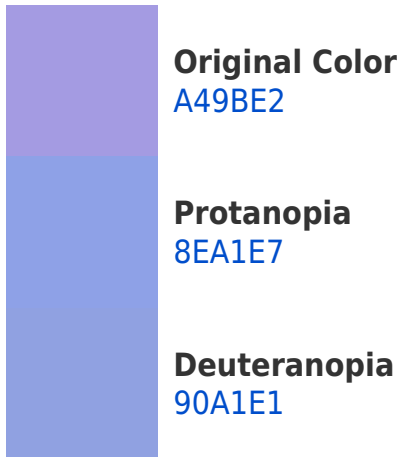


This preview shows how white text looks on a background with the Hex color A49BE2.

# 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](#).

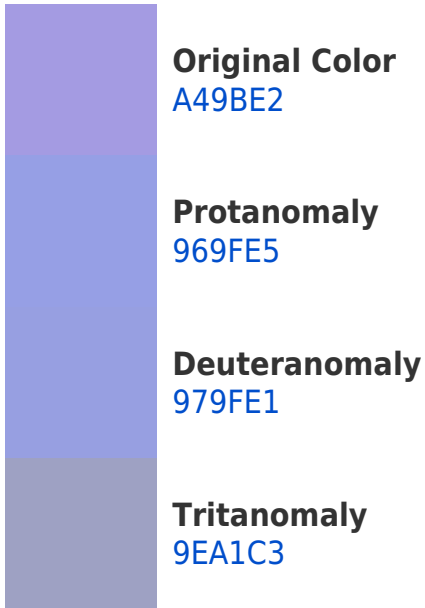
## Dichromacy



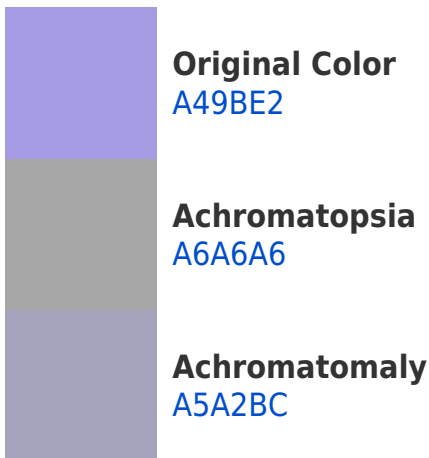


**Tritanopia**  
9AA4B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A49BE2 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 #A49BE2 looks like.

```
.text, #text, p{  
    color:#A49BE2  
}
```

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 #A49BE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A49BE2
}
```

## Border

The CSS property to change the border of an element to Hex A49BE2 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
#A49BE2 }
```

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

```
.border{ border-color:#A49BE2 }
```

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

Here you see how a box with a 4 pixel #A49BE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A49BE2; -webkit-box-shadow:4px 4px  
4px 4px #A49BE2; box-shadow:4px 4px 4px  
4px #A49BE2 }
```

# Background

The CSS property to change the background color of an element to Hex A49BE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A49BE2 }
```

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

```
.background{ background-color:#A49BE2 }
```

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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