

# Converting Colors

Hex(A49EB9)

Have a look what the booklet for  
Hex(A49EB9) contains.

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# **Color**

**Hex(A49EB9)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | A49EB9                    |
| RGB           | 164, 158, 185             |
| RGB Percent   | 64%, 62%, 73%             |
| CMY           | 0.3569, 0.3804, 0.2745    |
| CMYK          | 0.11, 0.15, 0.00, 0.27    |
| HSL           | 253°, 16%, 67%            |
| HSV           | 253°, 15%, 73%            |
| XYZ           | 36.2937, 35.8490, 50.9056 |
| YIQ           | 162.8720, -5.0910, 9.6690 |

# Conversions

## Conversions Part 2

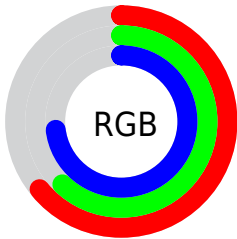
| Format                              | Color   |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">164, 158, 185</a>                 |
| Decimal                             | <a href="#">10788537</a>                      |
| CIELab                              | <a href="#">66.40, 7.55, -13.15</a>           |
| CIElCh                              | <a href="#">66, 15.165, 299.873</a>           |
| Yxy                                 | <a href="#">35.8490, 0.2950,<br/>0.2913</a>   |
| Android<br>(android.graphics.Color) | <a href="#">4288978617<br/>(0xFFA49EB9)</a>   |
| YUV                                 | <a href="#">162.8720, 10.9091,<br/>0.9893</a> |
| Hunter-Lab                          | <a href="#">59.8740, 3.4212,<br/>-8.4972</a>  |

# Details

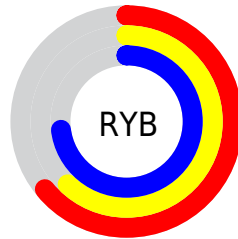
The Hex color **A49EB9** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B3B99E**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **DBD5F1**, and **706B84** is the 20% darker color. If you saturate the color by 10%, you get **968CB9**, and if you desaturate by 10%, it is **B2B1B9**.

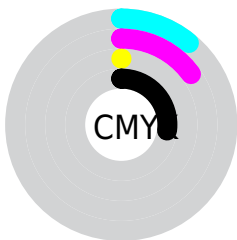
# Distribution



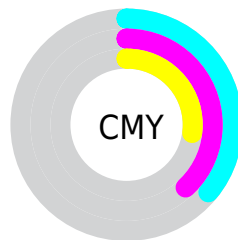
- Red (64%)
- Green (62%)
- Blue (73%)



- Red (64%)
- Yellow (62%)
- Blue (73%)



- Cyan (11%)
- Magenta (15%)
- Yellow (0%)
- Black (27%)



- Cyan (36%)
- Magenta (38%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A49EB9 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 A49EB9 by changing the saturation by 10% instead.





A49EB9



A49EB9

FFFFFF



8A849E



DBD5F1



706B84



F8F1FF



58536B



403C52



2A263B



151126



000110



000000



A49EB9



A49EB9

968CB9

B2B1B9

8779B9

C1C3B9

7967B9

CFD5B9

6A54B9

DEE8B9

5C42B9

ECFBB9

4E2FB9

FAFFB9

3F1DB9

FFFFB9

310AB9

2900B9

# Harmonies

## Analogous

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



92A3BC



A49EB9



B39AAF

# Triad

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



A49EB9



B89C8A



82A9A1

# Complementary

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



A49EB9



B3B99E

# 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.



8EA893



A49EB9



ACA086

# Square

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



A49EB9



BE9994



9DA58A



7EA9AE

# Rectangle

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



A49EB9



BA98A7



9DA58A



85A99C



# Sweetspot

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



A49EB9



E8E6F0



9EB3B9



737278



F7F7F7



787878



# Same Dimension

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



A49EB9



CEC5F0



B19EB9



55535C



23009C



06001C



# Inverse Universe

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



B99EB3



F0C5E6



A6B99E



5C535A



9C0079

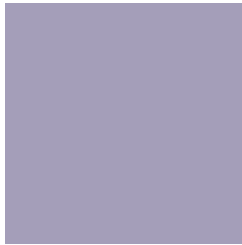


1C0016



# Previews

## White Background



This preview shows how the Hex color A49EB9 looks on a white background.

## Color Contrast Check

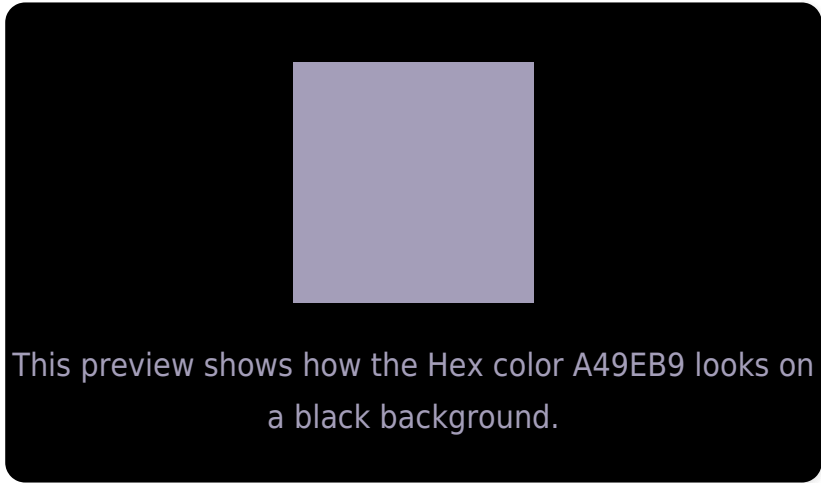
Large Text (above 18pt) WCAG AA × Fail

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

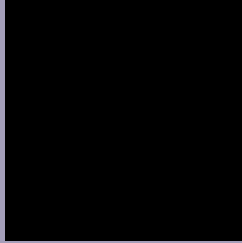
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A49EB9 Background



This preview shows how black text looks on a background with the Hex color A49EB9.



This preview shows how white text looks on a background with the Hex color A49EB9.

# 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**  
A49EB9

**Protanopia**  
9DA0BA

**Deuteranopia**  
A69DB9



# Trichromacy



**Original Color**

A49EB9

**Protanomaly**

A09FBA

**Deuteranomaly**

A59DB9

**Tritanomaly**

A39FB1

# Monochromacy



**Original Color**

A49EB9

**Achromatopsia**

A3A3A3

**Achromatomaly**

A3A1AB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A49EB9 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 #A49EB9 looks like.

```
.text, #text, p{  
    color:#A49EB9  
}
```

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 #A49EB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A49EB9
}
```

## Border

The CSS property to change the border of an element to Hex A49EB9 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
#A49EB9 }
```

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

```
.border{ border-color:#A49EB9 }
```

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

Here you see how a box with a 4 pixel #A49EB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A49EB9; -webkit-box-shadow:4px 4px  
4px 4px #A49EB9; box-shadow:4px 4px 4px  
4px #A49EB9 }
```

# Background

The CSS property to change the background color of an element to Hex A49EB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A49EB9 }
```

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

```
.background{ background-color:#A49EB9 }
```

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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