

# Converting Colors

Hex(A69BC7)

Have a look what the booklet for  
Hex(A69BC7) contains.

<b>Hex(A69BC7)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(A69BC7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A69BC7
RGB	166, 155, 199
RGB Percent	65%, 61%, 78%
CMY	0.3490, 0.3922, 0.2196
CMYK	0.17, 0.22, 0.00, 0.22
HSL	255°, 28%, 69%
HSV	255°, 22%, 78%
XYZ	37.7560, 35.6732, 58.9285
YIQ	163.3050, -7.5680, 16.0160

# Conversions

## Conversions Part 2

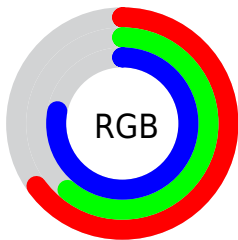
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">166, 155, 199</a>
Decimal	<a href="#">10918855</a>
CIELab	<a href="#">66.27, 12.94, -21.14</a>
CIELCh	<a href="#">66, 24.790, 301.473</a>
Yxy	<a href="#">35.6732, 0.2853, 0.2695</a>
Android (android.graphics.Color)	<a href="#">4289108935 (0xFFA69BC7)</a>
YUV	<a href="#">163.3050, 17.5976, 2.3635</a>
Hunter-Lab	<a href="#">59.7270, 8.3152, -16.6884</a>

# Details

The Hex color **A69BC7** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **BCC79B**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **DDD1FF**, and **726891** is the 20% darker color. If you saturate the color by 10%, you get **9787C7**, and if you desaturate by 10%, it is **B5AFC7**.

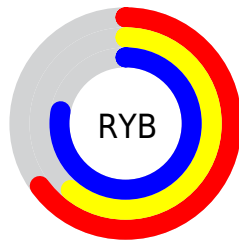
# Distribution



Red (65%)

Green (61%)

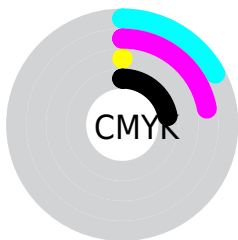
Blue (78%)



Red (65%)

Yellow (61%)

Blue (78%)

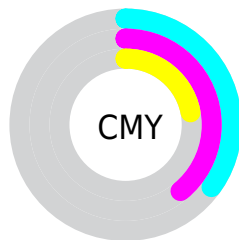


Cyan (17%)

Magenta (22%)

Yellow (0%)

Black (22%)



Cyan (35%)

Magenta (39%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A69BC7 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 A69BC7 by changing the saturation by 10% instead.





A69BC7



A69BC7

FFFFFF



8B81AC



DDD1FF



726891



FAEEFF



595077



41395E



2A2347



140F30



00011B



000000



A69BC7



A69BC7

9787C7

B5AFC7

8873C7

C4C3C7

795FC7

D3D7C7

6A4BC7

E2EBC7

5B37C7

F1FFC7

4C24C7

FFFFC7

3E10C7

3200C7

# Harmonies

## Analogous

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



87A3CD



A69BC7



BF94B7

# Triad

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



A69BC7



C3997B



68AEA1

# Complementary

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



A69BC7



BCC79B

# 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.



7FAC8B



A69BC7



B0A075

# Square

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



A69BC7



CD938B



98A77B



5FADB8

# Rectangle

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



A69BC7



C991A8



98A77B



6FAD9A



# Sweetspot

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



A69BC7



F2EDFF



9BBCC7



787580



000000



808080



# Same Dimension

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



A69BC7



CBBAFF



BC9BC7



5C5A63



2900A3



090024



# Inverse Universe

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



C79BBC



FFBAEE



A6C79B



635A61



A3007A



24001B



# Previews

## White Background



This preview shows how the Hex color A69BC7 looks on a white background.

## Color Contrast Check

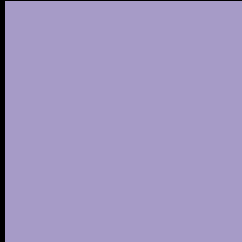
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color A69BC7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

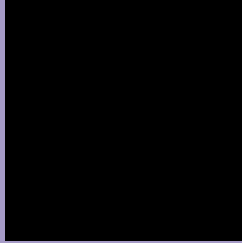
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A69BC7 Background



This preview shows how black text looks on a background with the Hex color A69BC7.

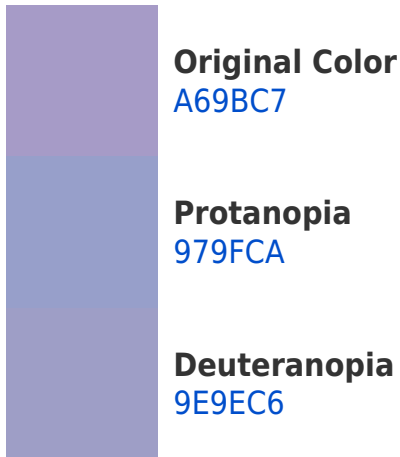


This preview shows how white text looks on a background with the Hex color A69BC7.

# 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





# Trichromacy



**Original Color**  
A69BC7

**Protanomaly**  
9C9EC9

**Deuteranomaly**  
A19DC6

**Tritanomaly**  
A39EB6

# Monochromacy



**Original Color**  
A69BC7

**Achromatopsia**  
A3A3A3

**Achromatomaly**  
A4A0B0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A69BC7 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 #A69BC7 looks like.

```
.text, #text, p{  
    color:#A69BC7  
}
```

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 #A69BC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A69BC7
}
```

## Border

The CSS property to change the border of an element to Hex A69BC7 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
#A69BC7 }
```

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

```
.border{ border-color:#A69BC7 }
```

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

Here you see how a box with a 4 pixel #A69BC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A69BC7; -webkit-box-shadow:4px 4px  
4px 4px #A69BC7; box-shadow:4px 4px 4px  
4px #A69BC7 }
```

# Background

The CSS property to change the background color of an element to Hex A69BC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A69BC7 }
```

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

```
.background{ background-color:#A69BC7 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor