

Converting Colors

Hex(A729C6)

Have a look what the booklet for
Hex(A729C6) contains.

Hex(A729C6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(A729C6)

Conversions

Conversions Part 1

Format	Color
Hex	A729C6
RGB	167, 41, 198
RGB Percent	65%, 16%, 78%
CMY	0.3451, 0.8392, 0.2235
CMYK	0.16, 0.79, 0.00, 0.22
HSL	288°, 66%, 47%
HSV	288°, 79%, 78%
XYZ	26.9223, 13.8786, 54.6860
YIQ	96.5720, 24.6990, 75.5390

Conversions

Conversions Part 2

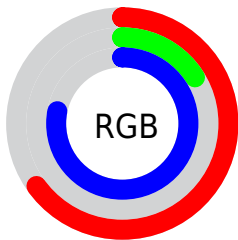
Format	Color
R_{YB}	167, 41, 198
Decimal	10955206
CIE _{Lab}	44.06, 69.50, -55.43
CIE _{LCh}	44, 88.894, 321.425
Yxy	13.8786, 0.2819, 0.1453
Android (android.graphics.Color)	4289145286 (0xFFA729C6)
YUV	96.5720, 50.0040, 61.7654
Hunter-Lab	37.2540, 63.8022, -60.9554

Details

The Hex color **A729C6** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **48C629**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **E266FF**, and **6E008F** is the 20% darker color. If you saturate the color by 10%, you get **A315C6**, and if you desaturate by 10%, it is **AB3DC6**.

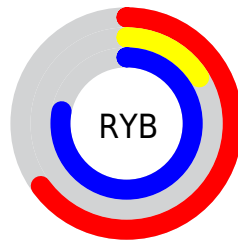
Distribution



Red (65%)

Green (16%)

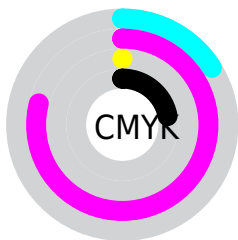
Blue (78%)



Red (65%)

Yellow (16%)

Blue (78%)

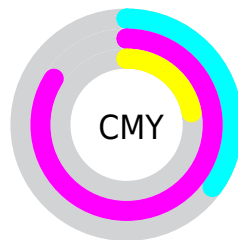


Cyan (16%)

Magenta (79%)

Yellow (0%)

Black (22%)



Cyan (35%)

Magenta (84%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color A729C6 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 A729C6 by changing the saturation by 10% instead.

 A729C6

 A729C6

FFFFFF

 8A00AA

 E266FF

 6E008F

 FF82FF

 520075

 FF9FFF

 36005B

 FFBCFF

 180043

 FFD9FF

 00032B

 FFF6FF

 000116

 000000

 A729C6

 A729C6

 A315C6

 AB3DC6

 9F01C6

 AF51C6

 9F00C6

 B364C6

 B778C6

 BB8CC6

 BEA0C6

 C2B4C6

 C6C7C6

 CADBC6

Harmonies

Analogous

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



005FF5



A729C6



DB0081

Triad

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



A729C6



915E00



00859D

Complementary

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



A729C6



48C629

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.



008350



A729C6



4C7400

Square

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



A729C6



C43200



007F00



0083DD

Rectangle

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



A729C6



E20050



007F00



008584

Sweetspot

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



A729C6



F3C2FF



2948C6



785B80



000000



808080

Same Dimension

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



A729C6



CF0DFF



C62997



615A63



8300A3



1D0024

Inverse Universe

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



C62948



FF0D3D



29C658



635A5B



A30020



240007

Previews

White Background



This preview shows how the Hex color A729C6 looks on a white background.

Color Contrast Check

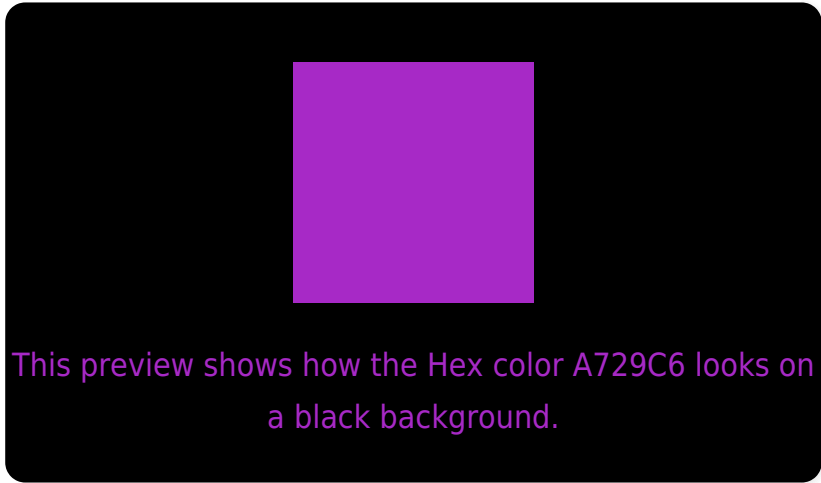
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

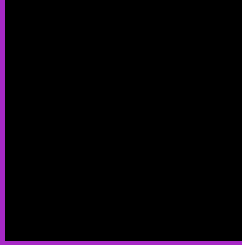
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex A729C6 Background



This preview shows how black text looks on a background with the Hex color A729C6.

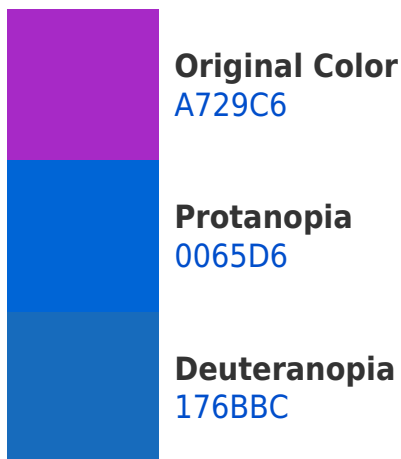


This preview shows how white text looks on a background with the Hex color A729C6.

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
98555B

Trichromacy



Original Color
A729C6



Protanomaly
3D4FD0



Deuteranomaly
4B53C0



Tritanomaly
9D4582

Monochromacy



Original Color
A729C6



Achromatopsia
616161



Achromatomaly
7A4D86

CSS Examples

Text

The CSS property to change the color of the text to Hex A729C6 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 #A729C6 looks like.

```
.text, #text, p{  
    color:#A729C6  
}
```

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 #A729C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A729C6
}
```

Border

The CSS property to change the border of an element to Hex A729C6 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
#A729C6 }
```

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

```
.border{ border-color:#A729C6 }
```

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

Here you see how a box with a 4 pixel #A729C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A729C6; -webkit-box-shadow:4px 4px  
4px 4px #A729C6; box-shadow:4px 4px 4px  
4px #A729C6 }
```

Background

The CSS property to change the background color of an element to Hex A729C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A729C6 }
```

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

```
.background{ background-color:#A729C6 }
```

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