

Converting Colors

Hex(A682BC)

Have a look what the booklet for
Hex(A682BC) contains.

Hex(A682BC)	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(A682BC)

Conversions

Conversions Part 1

Format	Color
Hex	A682BC
RGB	166, 130, 188
RGB Percent	65%, 51%, 74%
CMY	0.3490, 0.4902, 0.2627
CMYK	0.12, 0.31, 0.00, 0.26
HSL	277°, 30%, 62%
HSV	277°, 31%, 74%
XYZ	32.7856, 27.7031, 51.1962
YIQ	147.3760, 2.8380, 25.6700

Conversions

Conversions Part 2

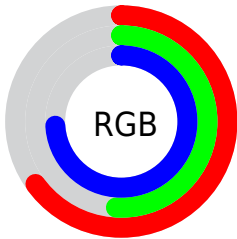
Format	Color
RYB	166, 130, 188
Decimal	10912444
CIELab	59.62, 24.71, -25.14
CIELCh	60, 35.254, 314.506
Yxy	27.7031, 0.2936, 0.2480
Android (android.graphics.Color)	4289102524 (0xFFA682BC)
YUV	147.3760, 20.0276, 16.3332
Hunter-Lab	52.6337, 19.0789, -20.8271

Details

The Hex color **A682BC** is a light color, and the websafe version is hex **996699**. A complement of this color would be **98BC82**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **DEB7F4**, and **715087** is the 20% darker color. If you saturate the color by 10%, you get **9F6FBC**, and if you desaturate by 10%, it is **AD95BC**.

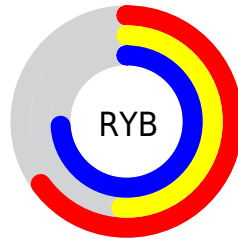
Distribution



Red (65%)

Green (51%)

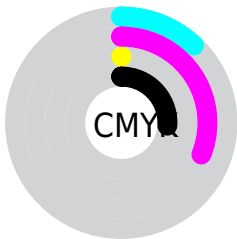
Blue (74%)



Red (65%)

Yellow (51%)

Blue (74%)

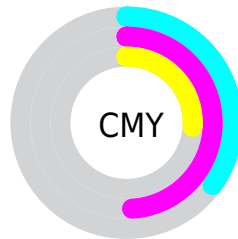


Cyan (12%)

Magenta (31%)

Yellow (0%)

Black (26%)



Cyan (35%)

Magenta (49%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color A682BC 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 A682BC by changing the saturation by 10% instead.


 A682BC

 A682BC

FFFFFF

 8B69A1

 DEB7F4

 715087

 FAD3FF

 58396D

 FFEFFF

 402255

 280D3D

 170027

 000110

 000000

 A682BC

 A682BC

9F6FBC

AD95BC

985CBC

B4A8BC

914ABC

BBBABC

8937BC

C3CDBC

8224BC

CAE0BC

7B11BC

D1F3BC

7500BC

D8FFBC

DFFFBC

E6FFBC

Harmonies

Analogous

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



7B8DCB



A682BC



C279A1

Triad

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



A682BC



B28854



0BA09E

Complementary

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



A682BC



98BC82

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.



499F7E



A682BC



959352

Square

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



A682BC



C57E66



729A62



009EBA

Rectangle

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



A682BC



CA778C



729A62



27A093

Sweetspot

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



A682BC



ECDF5



8298BC



756D7A



FAFAFA



7A7A7A

Same Dimension

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



A682BC



D29AF5



BC82B5



5B555E



62009E



13001F

Inverse Universe

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



BC8298



F59ABD



82BC89



5E5558



9E003C



1F000C

Previews

White Background



This preview shows how the Hex color A682BC looks on a white background.

Color Contrast Check

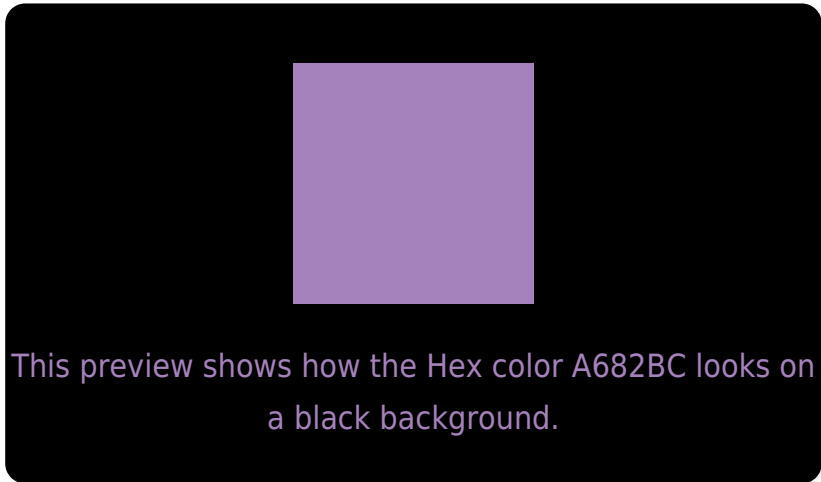
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

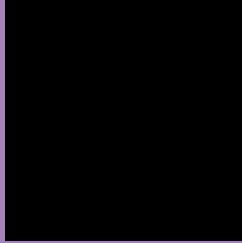
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex A682BC Background



This preview shows how black text looks on a background with the Hex color A682BC.

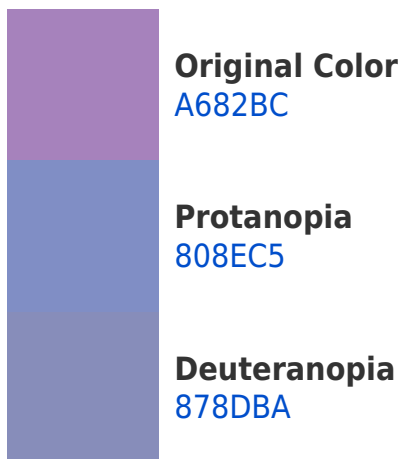



This preview shows how white text looks on a background with the Hex color A682BC.

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
A08A94

Trichromacy



Original Color
A682BC

Protanomaly
8E8AC2

Deuteranomaly
9289BB

Tritanomaly
A287A3

Monochromacy



Original Color
A682BC

Achromatopsia
939393

Achromatomaly
9A8DA2

CSS Examples

Text

The CSS property to change the color of the text to Hex A682BC 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 #A682BC looks like.

```
.text, #text, p{  
    color:#A682BC  
}
```

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 #A682BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A682BC
}
```

Border

The CSS property to change the border of an element to Hex A682BC is called "border". The border property can be set on classes, ids or directly on the HTML element.

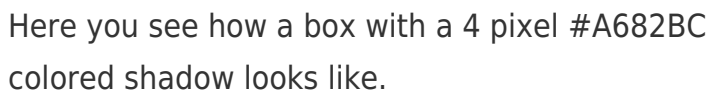
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A682BC }
```

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

```
.border{ border-color:#A682BC }
```

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



Here you see how a box with a 4 pixel #A682BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A682BC; -webkit-box-shadow:4px 4px  
4px 4px #A682BC; box-shadow:4px 4px 4px  
4px #A682BC }
```

Background

The CSS property to change the background color of an element to Hex A682BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A682BC }
```

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

```
.background{ background-color:#A682BC }
```

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