

# Converting Colors

Hex(A673BA)

Have a look what the booklet for  
Hex(A673BA) contains.

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# Color

**Hex(A673BA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A673BA
RGB	166, 115, 186
RGB Percent	65%, 45%, 73%
CMY	0.3490, 0.5490, 0.2706
CMYK	0.11, 0.38, 0.00, 0.27
HSL	283°, 34%, 59%
HSV	283°, 38%, 73%
XYZ	30.7195, 23.9136, 49.4511
YIQ	138.3430, 7.6050, 32.8930

# Conversions

## Conversions Part 2

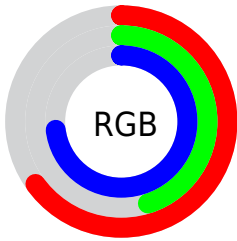
Format	Color
<a href="#">RYB</a>	<a href="#">166, 115, 186</a>
Decimal	<a href="#">10908602</a>
CIELab	<a href="#">56.00, 32.78, -29.59</a>
CIELCh	<a href="#">56, 44.164, 317.927</a>
Yxy	<a href="#">23.9136, 0.2951, 0.2298</a>
Android (android.graphics.Color)	<a href="#">4289098682 (0xFFA673BA)</a>
YUV	<a href="#">138.3430, 23.4949, 24.2552</a>
Hunter-Lab	<a href="#">48.9016, 26.5544, -25.7251</a>

# Details

The Hex color **A673BA** is a light color, and the websafe version is hex **996699**. A complement of this color would be **87BA73**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **DEA8F2**, and **714185** is the 20% darker color. If you saturate the color by 10%, you get **A160BA**, and if you desaturate by 10%, it is **AB86BA**.

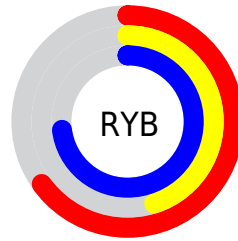
# Distribution



Red (65%)

Green (45%)

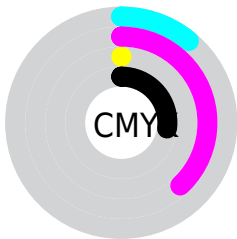
Blue (73%)



Red (65%)

Yellow (45%)

Blue (73%)

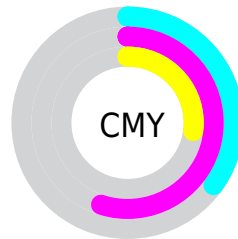


Cyan (11%)

Magenta (38%)

Yellow (0%)

Black (27%)



Cyan (35%)

Magenta (55%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A673BA 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 A673BA by changing the saturation by 10% instead.



 A673BA

 A673BA

FFFFFF

 8B5A9F

 DEA8F2

 714185

 FBC3FF

 572A6B

 FFDFFF

 3F1253

 FFFCFF

 27003B

 0C0025

 00010D

 000000

 A673BA

 A673BA

 A160BA

 AB86BA

 9C4EBA

 B098BA

 963BBA

 B6ABBA

 9129BA

 BBBDBA

 8C16BA

 C0D0BA

 8703BA

 C5E3BA

 8600BA

 CBF5BA

 D0FFBA

 D5FFBA

# Harmonies

## Analogous

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



6F82CF



A673BA



C56797

# Triad

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



A673BA



AA7F39



009A9D

# Complementary

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



A673BA



87BA73

# 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.



009975



A673BA



868B3A

# Square

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



A673BA



C3704F



5A9451



0097BE

# Rectangle

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



A673BA



CE657D



5A9451



009A90



# Sweetspot

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



A673BA



EBD8F2



7387BA



766A7A



FAFAFA



7A7A7A



# Same Dimension

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



A673BA



D383F2



BA73AB



59535C



70009C



14001C



# Inverse Universe

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



BA7387



F283A2



73BA82



5C5355



9C002C

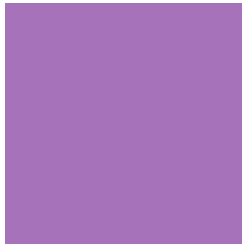


1C0008



# Previews

## White Background



This preview shows how the Hex color A673BA looks on a white background.

## Color Contrast Check

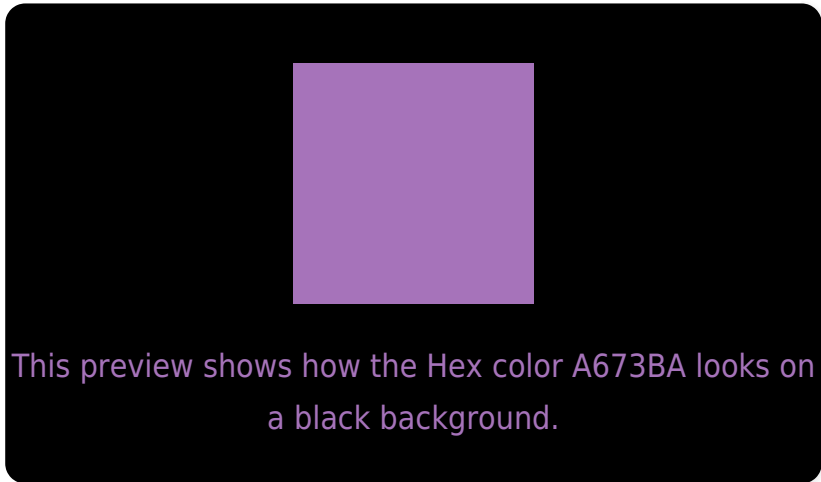
Large Text (above 18pt) WCAG AA ✓ Pass

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 A673BA Background



This preview shows how black text looks on a background with the Hex color A673BA.

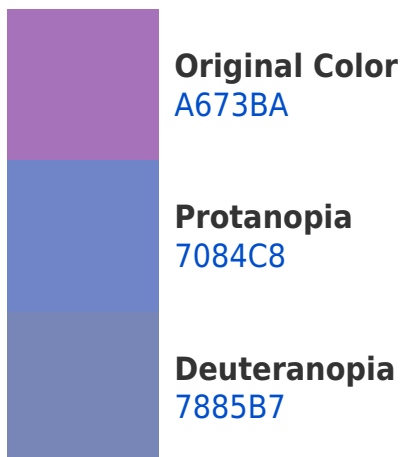


This preview shows how white text looks on a background with the Hex color A673BA.

# 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](#).

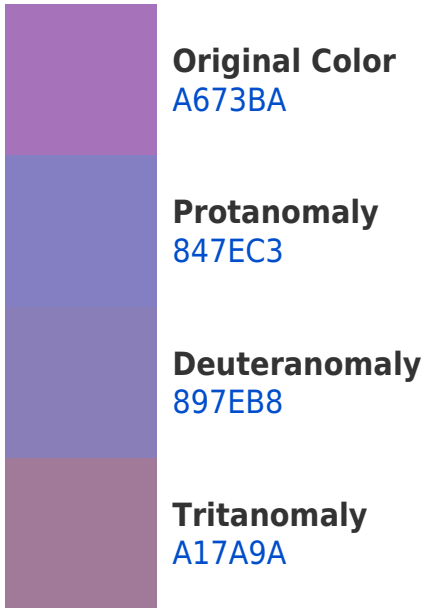
## Dichromacy



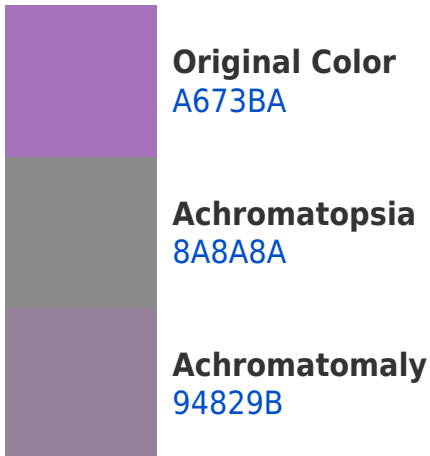


**Tritanopia**  
9E7E87

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A673BA 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 #A673BA looks like.

```
.text, #text, p{  
    color:#A673BA  
}
```

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 #A673BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A673BA
}
```

## Border

The CSS property to change the border of an element to Hex A673BA is called "border". The border property can be set on classes, ids or directly on the HTML element.

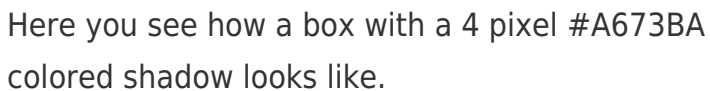
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A673BA }
```

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

```
.border{ border-color:#A673BA }
```

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



Here you see how a box with a 4 pixel #A673BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A673BA; -webkit-box-shadow:4px 4px  
4px 4px #A673BA; box-shadow:4px 4px 4px  
4px #A673BA }
```

# Background

The CSS property to change the background color of an element to Hex A673BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A673BA }
```

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

```
.background{ background-color:#A673BA }
```

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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