

# Converting Colors

Hex(A783B6)

Have a look what the booklet for  
Hex(A783B6) contains.

|  |    |
|--|----|
| <b>Hex(A783B6)</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(A783B6)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | A783B6                    |
| RGB           | 167, 131, 182             |
| RGB Percent   | 65%, 51%, 71%             |
| CMY           | 0.3451, 0.4863, 0.2863    |
| CMYK          | 0.08, 0.28, 0.00, 0.29    |
| HSL           | 282°, 26%, 61%            |
| HSV           | 282°, 28%, 71%            |
| XYZ           | 32.4961, 27.8255, 47.9141 |
| YIQ           | 147.5780, 5.0850, 23.4930 |

# Conversions

## Conversions Part 2

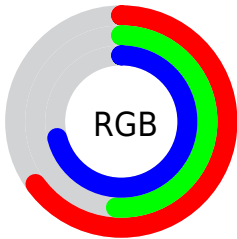
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 167, 131, 182                 |
| Decimal                             | 10978230                      |
| CIE <sub>Lab</sub>                  | 59.73, 23.20, -21.55          |
| CIE <sub>LCh</sub>                  | 60, 31.666, 317.105           |
| Yxy                                 | 27.8255, 0.3002,<br>0.2571    |
| Android<br>(android.graphics.Color) | 4289168310<br>(0xFFA783B6)    |
| YUV                                 | 147.5780, 16.9700,<br>17.0331 |
| Hunter-Lab                          | 52.7499, 17.6513,<br>-16.9298 |

# Details

The Hex color **A783B6** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **92B683**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **DFB8EE**, and **725181** is the 20% darker color. If you saturate the color by 10%, you get **A271B6**, and if you desaturate by 10%, it is **AC95B6**.

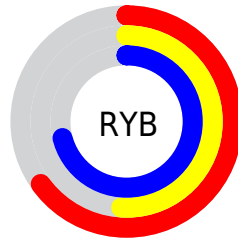
# Distribution



Red (65%)

Green (51%)

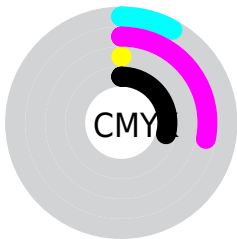
Blue (71%)



Red (65%)

Yellow (51%)

Blue (71%)

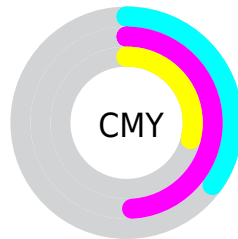


Cyan (8%)

Magenta (28%)

Yellow (0%)

Black (29%)



Cyan (35%)

Magenta (49%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A783B6 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 A783B6 by changing the saturation by 10% instead.



 A783B6

 A783B6

FFFFFF

 8C6A9B

 DFB8EE

 725181

 FBD4FF

 593A68

 FFF1FF

 41234F

 2A0E38

 190023

 000009

 000000

 A783B6

 A783B6

 A271B6

 AC95B6

 9C5FB6

 B2A7B6

 974CB6

 B7BAB6

 923AB6

 BCCCB6

 8C28B6

 C2DEB6

 8716B6

 C7F0B6

 8204B6

 CCFFB6

 8000B6

 D2FFB6

 D7FFB6

# Harmonies

## Analogous

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



828DC5



A783B6



BF7C9D

# Triad

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



A783B6



AD8A5A



2D9F9F

# Complementary

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



A783B6



92B683

# 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.



509E83



A783B6



92935A

# Square

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



A783B6



C08168



739A69



2B9CB8

# Rectangle

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



A783B6



C67A8A



739A69



389F96



# Sweetspot

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



A783B6



E8DAED



8392B6



746C78



F7F7F7



787878



# Same Dimension

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



A783B6



D59DED



B683AC



59535C



6E009C



14001C



# Inverse Universe

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



B68392



ED9DB4



83B68D



5C5355



9C002E

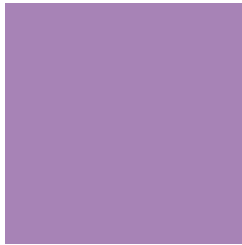


1C0008



# Previews

## White Background



This preview shows how the Hex color A783B6 looks on a white background.

## Color Contrast Check

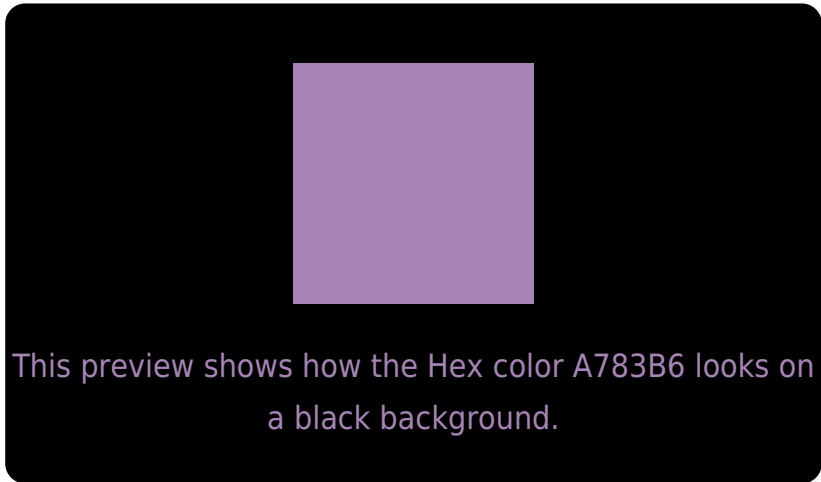
Large Text (above 18pt) WCAG AA ✓ Pass

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 A783B6 Background



This preview shows how black text looks on a background with the Hex color A783B6.



This preview shows how white text looks on a background with the Hex color A783B6.

# 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**  
A783B6

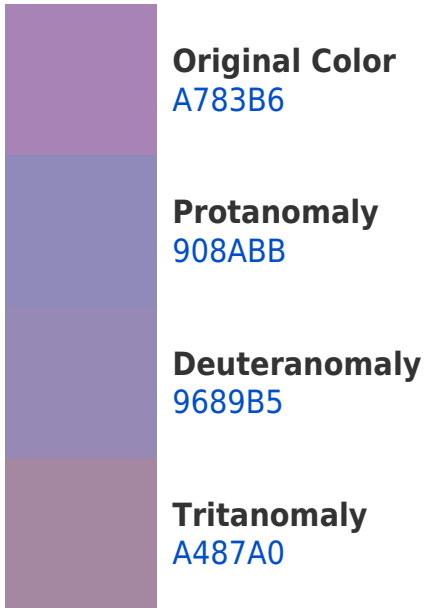
**Protanopia**  
838EBE

**Deuteranopia**  
8C8DB4

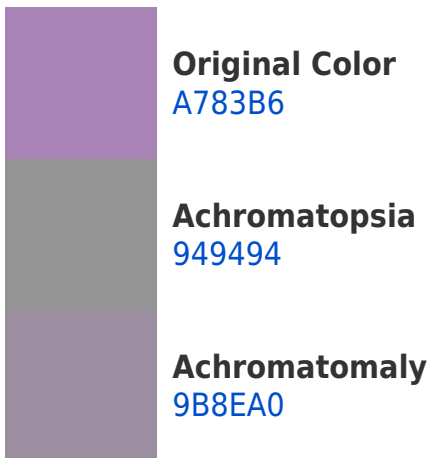


**Tritanopia**  
A28994

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A783B6 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 #A783B6 looks like.

```
.text, #text, p{  
    color:#A783B6  
}
```

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 #A783B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A783B6
}
```

## Border

The CSS property to change the border of an element to Hex A783B6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

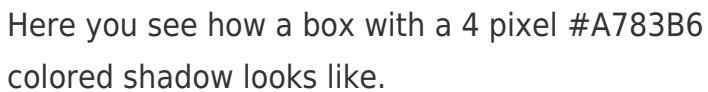
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A783B6 }
```

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

```
.border{ border-color:#A783B6 }
```

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



Here you see how a box with a 4 pixel #A783B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A783B6; -webkit-box-shadow:4px 4px  
4px 4px #A783B6; box-shadow:4px 4px 4px  
4px #A783B6 }
```

# Background

The CSS property to change the background color of an element to Hex A783B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A783B6 }
```

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

```
.background{ background-color:#A783B6 }
```

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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