

# Converting Colors

Hex(A784AC)

Have a look what the booklet for  
Hex(A784AC) contains.

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**Color**

**Hex(A784AC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A784AC
RGB	167, 132, 172
RGB Percent	65%, 52%, 67%
CMY	0.3451, 0.4824, 0.3255
CMYK	0.03, 0.23, 0.00, 0.33
HSL	292°, 19%, 60%
HSV	292°, 23%, 67%
XYZ	31.6340, 27.6966, 42.7084
YIQ	147.0250, 8.0200, 19.8600

# Conversions

## Conversions Part 2

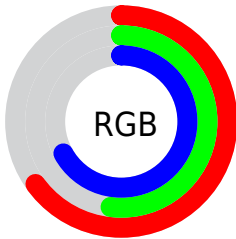
<b>Format</b>	<b>Color</b>
<b>RYB</b>	167, 132, 172
Decimal	10978476
CIELab	59.61, 20.58, -16.03
CIELCh	60, 26.092, 322.082
Yxy	27.6966, 0.3100, 0.2714
Android (android.graphics.Color)	4289168556 (0xFFA784AC)
YUV	147.0250, 12.3127, 17.5181
Hunter-Lab	52.6275, 15.1968, -11.2759

# Details

The Hex color **A784AC** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **89AC84**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **DEB9E3**, and **735278** is the 20% darker color. If you saturate the color by 10%, you get **A573AC**, and if you desaturate by 10%, it is **A995AC**.

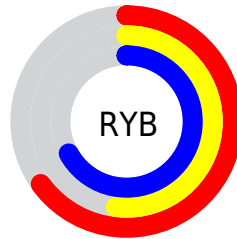
# Distribution



Red (65%)

Green (52%)

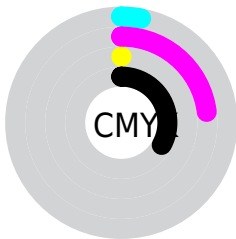
Blue (67%)



Red (65%)

Yellow (52%)

Blue (67%)

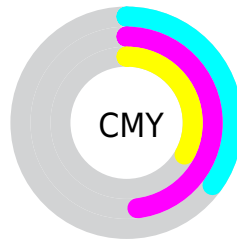


Cyan (3%)

Magenta (23%)

Yellow (0%)

Black (33%)



Cyan (35%)

Magenta (48%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A784AC 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 A784AC by changing the saturation by 10% instead.



 A784AC

 A784AC

FFFFFF

 8C6B91

 DEB9E3

 735278

 FBD5FF

 5A3B5F

 FFF2FF

 422447

 2B0F31

 19001C

 000000

 A784AC

 A784AC

 A573AC

 A995AC

 A362AC

 ABA6AC

 A150AC

 ADB8AC

 9E3FAC

 B0C9AC

 9C2EAC

 B2DAAC

 9A1DAC

 B4EBAC

 980CAC

 B6FCAC

 9700AC

 B8FFAC

 BAFFAC

# Harmonies

## Analogous

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



8B8CBA



A784AC



B97F97

# Triad

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



A784AC



A58C62



489CA0

# Complementary

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



A784AC



89AC84

# 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.



5A9C88



A784AC



8E9365

# Square

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



A784AC



B6846C



749973



4D99B3

# Rectangle

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



A784AC



BD7F87



749973



4C9C98



# Sweetspot

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



A784AC



DED1E0



8489AC



6F6770



F0F0F0



707070



# Same Dimension

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



A784AC



D9A2E0



AC849D



564E57



840096



140017



# Inverse Universe

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



AC8489



E0A2A9



84AC93



574E4F



960013

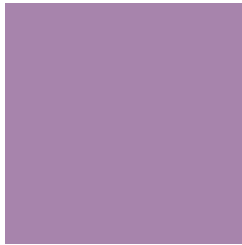


170003



# Previews

## White Background



This preview shows how the Hex color A784AC looks on a white background.

## Color Contrast Check

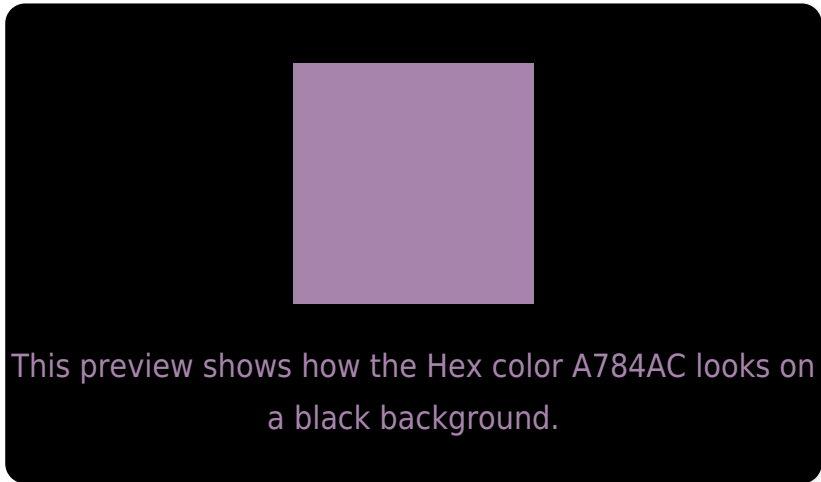
Large Text (above 18pt) WCAG AA ✓ Pass

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

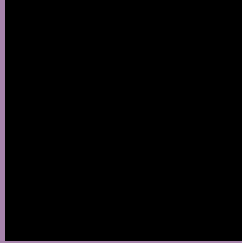
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A784AC Background



This preview shows how black text looks on a background with the Hex color A784AC.

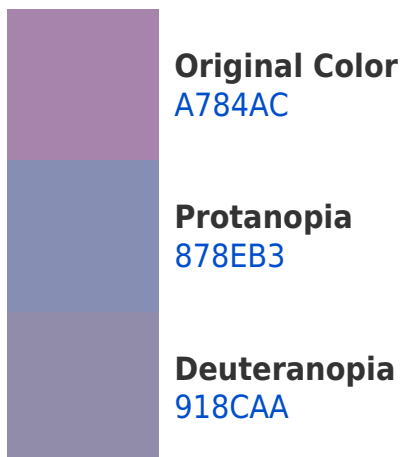


This preview shows how white text looks on a background with the Hex color A784AC.

# 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**  
A38993

# Trichromacy



**Original Color**  
A784AC

**Protanomaly**  
938AB0

**Deuteranomaly**  
9989AB

**Tritanomaly**  
A4879C

# Monochromacy



**Original Color**  
A784AC

**Achromatopsia**  
939393

**Achromatomaly**  
9A8E9C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A784AC 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 #A784AC looks like.

```
.text, #text, p{  
    color:#A784AC  
}
```

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 #A784AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A784AC
}
```

## Border

The CSS property to change the border of an element to Hex A784AC is called "border". The border property can be set on classes, ids or directly on the HTML element.

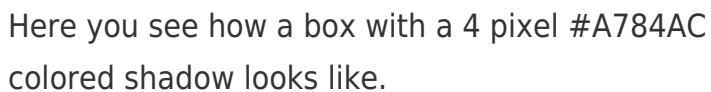
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A784AC }
```

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

```
.border{ border-color:#A784AC }
```

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



Here you see how a box with a 4 pixel #A784AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A784AC; -webkit-box-shadow:4px 4px  
4px 4px #A784AC; box-shadow:4px 4px 4px  
4px #A784AC }
```

# Background

The CSS property to change the background color of an element to Hex A784AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A784AC }
```

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

```
.background{ background-color:#A784AC }
```

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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