

# Converting Colors

Hex(AC76A3)

Have a look what the booklet for  
Hex(AC76A3) contains.

<b>Hex(AC76A3)</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(AC76A3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AC76A3
RGB	172, 118, 163
RGB Percent	67%, 46%, 64%
CMY	0.3255, 0.5373, 0.3608
CMYK	0.00, 0.31, 0.05, 0.33
HSL	310°, 25%, 57%
HSV	310°, 31%, 67%
XYZ	30.1026, 24.3719, 37.7680
YIQ	139.2760, 17.7390, 25.4430

# Conversions

## Conversions Part 2

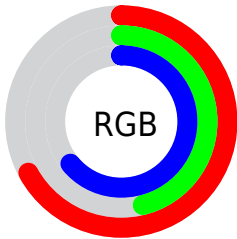
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	172, 118, 163
Decimal	11302563
CIE <sub>Lab</sub>	56.46, 28.50, -15.60
CIE <sub>LCh</sub>	56, 32.488, 331.311
Yxy	24.3719, 0.3263, 0.2642
Android (android.graphics.Color)	4289492643 (0xFFAC76A3)
YUV	139.2760, 11.6959, 28.6989
Hunter-Lab	49.3679, 22.4484, -10.8012

# Details

The Hex color **AC76A3** is a light color, and the websafe version is hex **996699**. A complement of this color would be **76AC7F**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **E4ABDA**, and **77446F** is the 20% darker color. If you saturate the color by 10%, you get **AC65A0**, and if you desaturate by 10%, it is **AC87A6**.

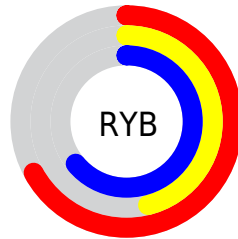
# Distribution



Red (67%)

Green (46%)

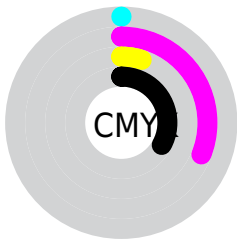
Blue (64%)



Red (67%)

Yellow (46%)

Blue (64%)

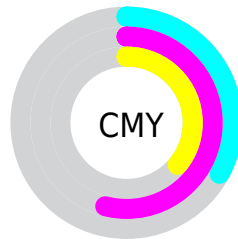


Cyan (0%)

Magenta (31%)

Yellow (5%)

Black (33%)



Cyan (33%)

Magenta (54%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AC76A3 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 AC76A3 by changing the saturation by 10% instead.



 AC76A3

 AC76A3

FFFFFF

 915D89

 E4ABDA

 77446F

 FFC6F6

 5D2D57

 FFE3FF

 45163F

 2D0029

 140014

 000000

 AC76A3

 AC76A3

 AC65A0

 AC87A6

■ AC549D

■ AC98A9

■ AC429A

■ ACAAAC

■ AC3198

■ ACBBAE

■ AC2095

■ ACCCB1

■ AC0F92

■ ACDDB4

■ AC008F

■ ACEEB7

■ ACFFBA

■ ACFFBD

# Harmonies

## Analogous

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



8C80B8



AC76A3



BC7187

# Triad

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



AC76A3



99864E



0096A4

# Complementary

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



AC76A3



76AC7F

# 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.



319688



AC76A3



7B8E56

# Square

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



AC76A3



B07C57



59946B



2B91B8

# Rectangle

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



AC76A3



BE7274



59946B



0F969B



# Sweetspot

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



AC76A3



E0CCDD



7F76AC



70646E



F0F0F0



707070



# Same Dimension

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



AC76A3



E08BD2



AC7688



574E55



96007D



170013



# Inverse Universe

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



AC76A3



E08BD2



76AC9A



574E55



96007D

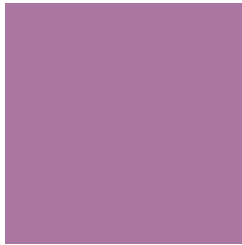


170013



# Previews

## White Background



This preview shows how the Hex color AC76A3 looks on a white background.

## Color Contrast Check

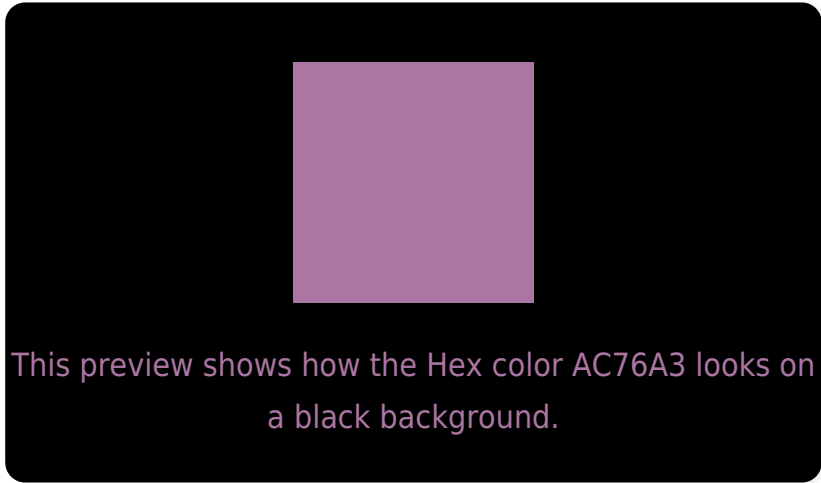
Large Text (above 18pt) WCAG AA ✓ Pass

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 AC76A3 Background



This preview shows how black text looks on a background with the Hex color AC76A3.

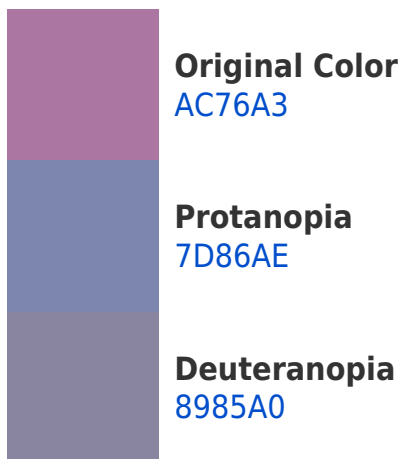


This preview shows how white text looks on a background with the Hex color AC76A3.

# 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](#).

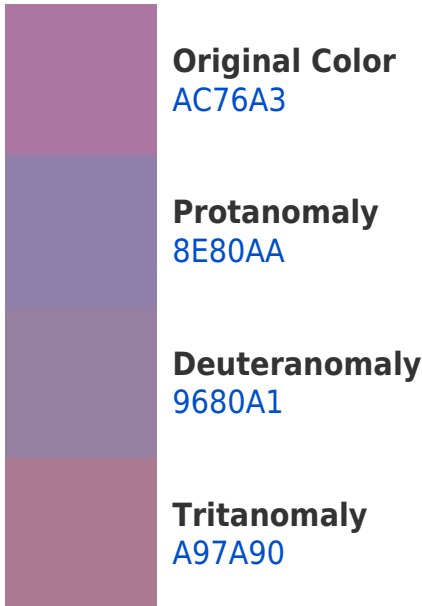
## Dichromacy



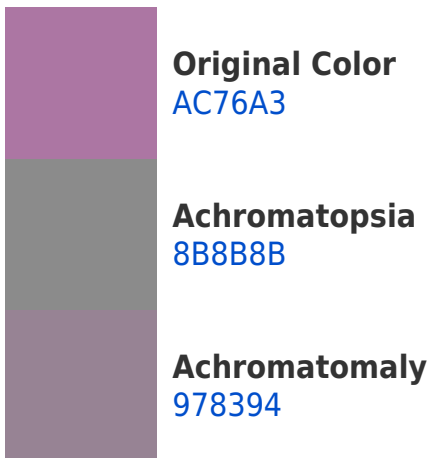


**Tritanopia**  
A87C85

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AC76A3 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 #AC76A3 looks like.

```
.text, #text, p{  
    color:#AC76A3  
}
```

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 #AC76A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC76A3
}
```

## Border

The CSS property to change the border of an element to Hex AC76A3 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
#AC76A3 }
```

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

```
.border{ border-color:#AC76A3 }
```

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

Here you see how a box with a 4 pixel #AC76A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC76A3; -webkit-box-shadow:4px 4px  
4px 4px #AC76A3; box-shadow:4px 4px 4px  
4px #AC76A3 }
```

# Background

The CSS property to change the background color of an element to Hex AC76A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC76A3 }
```

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

```
.background{ background-color:#AC76A3 }
```

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