

Converting Colors

Hex(AC3C7A)

Have a look what the booklet for
Hex(AC3C7A) contains.

Hex(AC3C7A)	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(AC3C7A)

Conversions

Conversions Part 1

Format	Color
Hex	AC3C7A
RGB	172, 60, 122
RGB Percent	67%, 24%, 48%
CMY	0.3255, 0.7647, 0.5216
CMYK	0.00, 0.65, 0.29, 0.33
HSL	327°, 48%, 45%
HSV	327°, 65%, 67%
XYZ	22.1420, 13.4075, 19.8333
YIQ	100.5560, 46.8500, 43.0260

Conversions

Conversions Part 2

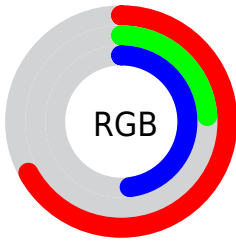
Format	Color
R_{YB}	172, 60, 122
Decimal	11287674
CIE _{Lab}	43.37, 51.74, -11.01
CIE _{LCh}	43, 52.903, 347.989
Yxy	13.4075, 0.3998, 0.2421
Android (android.graphics.Color)	4289477754 (0xFFAC3C7A)
YUV	100.5560, 10.5719, 62.6564
Hunter-Lab	36.6163, 43.8610, -6.4831

Details

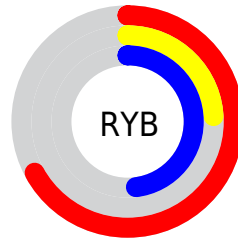
The Hex color **AC3C7A** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **3CAC6E**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **E672AE**, and **740049** is the 20% darker color. If you saturate the color by 10%, you get **AC2B72**, and if you desaturate by 10%, it is **AC4D82**.

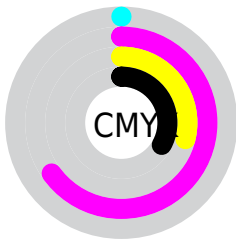
Distribution



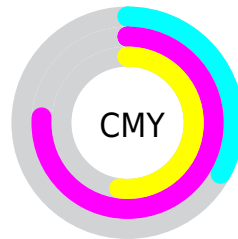
- Red (67%)
- Green (24%)
- Blue (48%)



- Red (67%)
- Yellow (24%)
- Blue (48%)



- Cyan (0%)
- Magenta (65%)
- Yellow (29%)
- Black (33%)



- Cyan (33%)
- Magenta (76%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC3C7A 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 AC3C7A by changing the saturation by 10% instead.

 AC3C7A

 AC3C7A

FFFFFF

 901E61

 E672AE

 740049

 FF8ECA

 590033

 FFA9E6

 3F001E

 FFC6FF

 250001

 FFE2FF

 000000

 AC3C7A

 AC3C7A

 AC2B72

 AC4D82

 AC1A6B

 AC5E89

■ AC0863

■ AC7091

■ AC005F

■ AC8199

■ AC92A0

■ ACA3A8

■ ACB4B0

■ ACC6B7

■ ACD7BF

Harmonies

Analogous

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



894EA2



AC3C7A



B43B4E

Triad

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



AC3C7A



626C00



0078A7

Complementary

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



AC3C7A



3CAC6E

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.



007B80



AC3C7A



2B7527

Square

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



AC3C7A



8A5E00



007A53



0071BC

Rectangle

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



AC3C7A



AD4533



007A53



007A9C

Sweetspot

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



AC3C7A



E0B4CC



6D3CAC



705564



F0F0F0



707070

Same Dimension

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



AC3C7A



E03192



AC3C43



574E53



960053



17000D

Inverse Universe

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



AC3C7A



E03192



3CACA5



574E53



960053



17000D

Previews

White Background



This preview shows how the Hex color AC3C7A looks on a white background.

Color Contrast Check

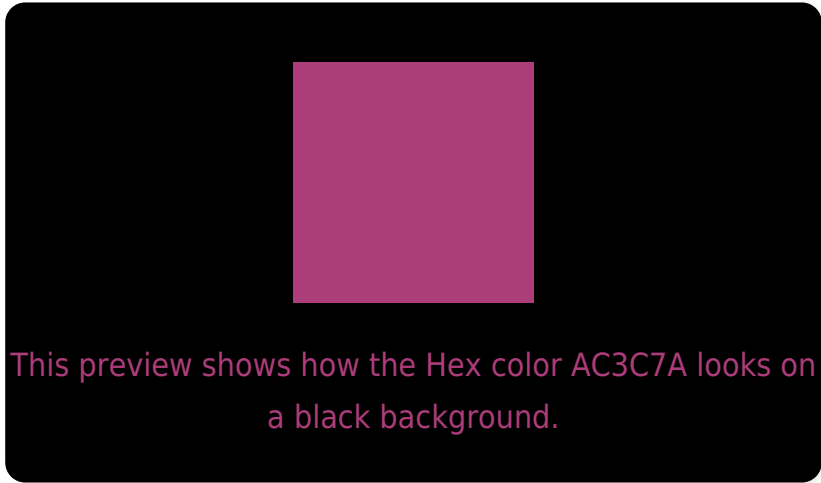
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Hex AC3C7A Background



This preview shows how black text looks on a background with the Hex color AC3C7A.

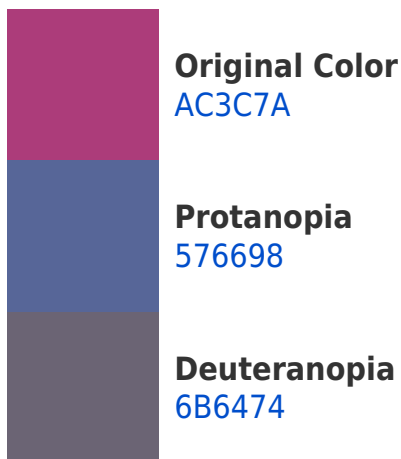


This preview shows how white text looks on a background with the Hex color AC3C7A.

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
A8474C

Trichromacy



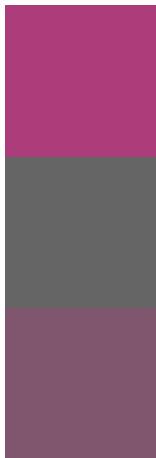
Original Color
AC3C7A

Protanomaly
76578D

Deuteranomaly
835576

Tritanomaly
A9435D

Monochromacy



Original Color
AC3C7A

Achromatopsia
656565

Achromatomaly
7F566D

CSS Examples

Text

The CSS property to change the color of the text to Hex AC3C7A 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 #AC3C7A looks like.

```
.text, #text, p{  
    color:#AC3C7A  
}
```

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 #AC3C7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC3C7A
}
```

Border

The CSS property to change the border of an element to Hex AC3C7A 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
#AC3C7A }
```

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

```
.border{ border-color:#AC3C7A }
```

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

Here you see how a box with a 4 pixel #AC3C7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC3C7A; -webkit-box-shadow:4px 4px  
4px 4px #AC3C7A; box-shadow:4px 4px 4px  
4px #AC3C7A }
```

Background

The CSS property to change the background color of an element to Hex AC3C7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC3C7A }
```

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

```
.background{ background-color:#AC3C7A }
```

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