

Converting Colors

Hex(AC16A3)

Have a look what the booklet for
Hex(AC16A3) contains.

Hex(AC16A3)	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(AC16A3)

Conversions

Conversions Part 1

Format	Color
Hex	AC16A3
RGB	172, 22, 163
RGB Percent	67%, 9%, 64%
CMY	0.3255, 0.9137, 0.3608
CMYK	0.00, 0.87, 0.05, 0.33
HSL	304°, 77%, 38%
HSV	304°, 87%, 67%
XYZ	23.9110, 11.9888, 35.7042
YIQ	82.9240, 44.1390, 75.6510

Conversions

Conversions Part 2

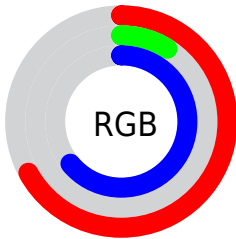
Format	Color
RYB	172, 22, 163
Decimal	11277987
CIELab	41.20, 69.09, -39.30
CIElCh	41, 79.488, 330.370
Yxy	11.9888, 0.3339, 0.1674
Android (android.graphics.Color)	4289468067 (0xFFAC16A3)
YUV	82.9240, 39.4775, 78.1197
Hunter-Lab	34.6249, 62.6739, -36.9007

Details

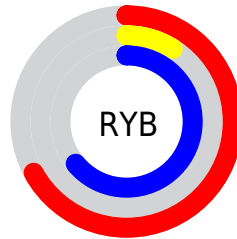
The Hex color **AC16A3** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **16AC1F**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **E75BDA**, and **73006F** is the 20% darker color. If you saturate the color by 10%, you get **AC05A2**, and if you desaturate by 10%, it is **AC27A4**.

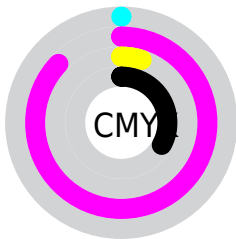
Distribution



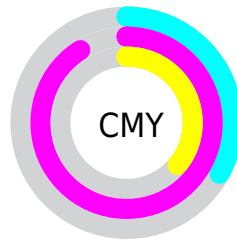
- Red (67%)
- Green (9%)
- Blue (64%)



- Red (67%)
- Yellow (9%)
- Blue (64%)



- Cyan (0%)
- Magenta (87%)
- Yellow (5%)
- Black (33%)



- Cyan (33%)
- Magenta (91%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC16A3 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 AC16A3 by changing the saturation by 10% instead.

 AC16A3

 AC16A3

FFFFFF

 8F0088

 E75BDA

 73006F

 FF78F7

 570056

 FF94FF

 3E003E

 FFB1FF

 210027

 FFCEFF

 000110

 FFECFF

 000000

 AC16A3

 AC16A3

 AC05A2

 AC27A4

■ AC00A2

■ AC38A5

■ AC4AA6

■ AC5BA7

■ AC6CA8

■ AC7DA9

■ AC8EAA

■ ACA0AB

■ ACB1AC

Harmonies

Analogous

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



504FD4



AC16A3



CC0063

Triad

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



AC16A3



765F00



007BA2

Complementary

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



AC16A3



16AC1F

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.



007A60



AC16A3



326F00

Square

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



AC16A3



A84100



007716



0077D4

Rectangle

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



AC16A3



CC0039



007716



007B8D

Sweetspot

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



AC16A3



E0A6DD



1E16AC



704D6E



F0F0F0



707070

Same Dimension

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



AC16A3



E000D3



AC1659



574E56



96008D



170016

Inverse Universe

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



AC16A3



E000D3



16AC68



574E56



96008D



170016

Previews

White Background



This preview shows how the Hex color AC16A3 looks on a white background.

Color Contrast Check

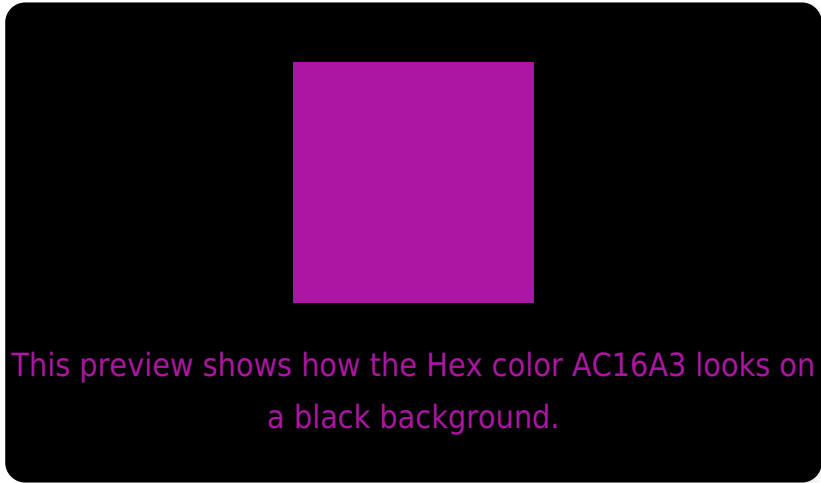
Large Text (above 18pt) WCAG AA ✓ Pass

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

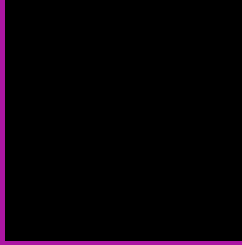
Any Text WCAG AA × Fail

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 AC16A3 Background



This preview shows how black text looks on a background with the Hex color AC16A3.

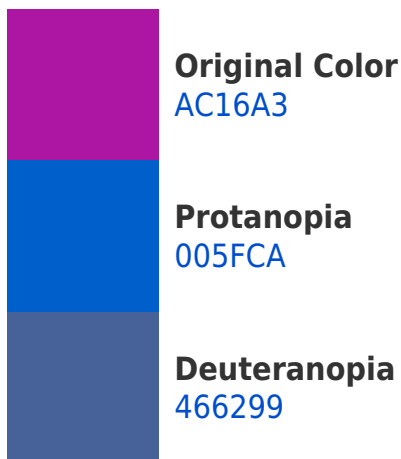


This preview shows how white text looks on a background with the Hex color AC16A3.

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
A34247

Trichromacy



Original Color
AC16A3



Protanomaly
3F44BC



Deuteranomaly
6B469D



Tritanomaly
A63268

Monochromacy



Original Color
AC16A3



Achromatopsia
535353



Achromatomaly
733D70

CSS Examples

Text

The CSS property to change the color of the text to Hex AC16A3 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 #AC16A3 looks like.

```
.text, #text, p{  
    color:#AC16A3  
}
```

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 #AC16A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC16A3
}
```

Border

The CSS property to change the border of an element to Hex AC16A3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

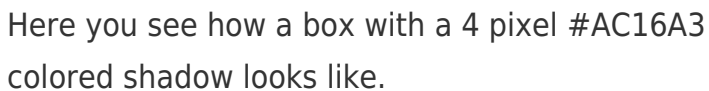
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AC16A3 }
```

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

```
.border{ border-color:#AC16A3 }
```

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



Here you see how a box with a 4 pixel `#AC16A3` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC16A3; -webkit-box-shadow:4px 4px  
4px 4px #AC16A3; box-shadow:4px 4px 4px  
4px #AC16A3 }
```

Background

The CSS property to change the background color of an element to Hex AC16A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC16A3 }
```

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

```
.background{ background-color:#AC16A3 }
```

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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