

Converting Colors

Hex(AC006A)

Have a look what the booklet for
Hex(AC006A) contains.

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Color

Hex(AC006A)

Conversions

Conversions Part 1

Format	Color
Hex	AC006A
RGB	172, 0, 106
RGB Percent	67%, 0%, 42%
CMY	0.3255, 1.0000, 0.5843
CMYK	0.00, 1.00, 0.38, 0.33
HSL	323°, 100%, 34%
HSV	323°, 100%, 67%
XYZ	19.6148, 9.8113, 14.4956
YIQ	63.5120, 68.4860, 69.4300

Conversions

Conversions Part 2

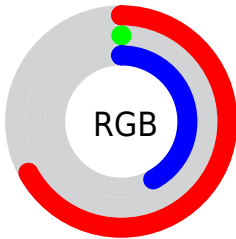
Format	Color
R_{YB}	172, 0, 106
Decimal	11272298
CIE _{Lab}	37.50, 64.86, -9.88
CIE _{LCh}	38, 65.611, 351.340
Yxy	9.8113, 0.4466, 0.2234
Android (android.graphics.Color)	4289462378 (0xFFAC006A)
YUV	63.5120, 20.9466, 95.1440
Hunter-Lab	31.3229, 56.9636, -5.5122

Details

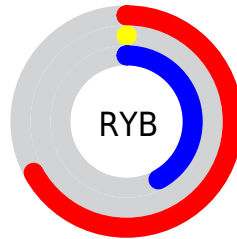
The Hex color **AC006A** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **00AC42**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **E8519D**, and **72003B** is the 20% darker color. If you saturate the color by 10%, you get **AC006A**, and if you desaturate by 10%, it is **AC1171**.

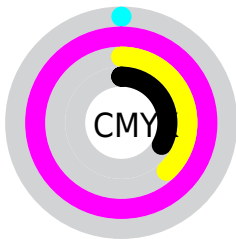
Distribution



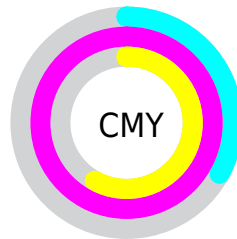
- Red (67%)
- Green (0%)
- Blue (42%)



- Red (67%)
- Yellow (0%)
- Blue (42%)



- Cyan (0%)
- Magenta (100%)
- Yellow (38%)
- Black (33%)



- Cyan (33%)
- Magenta (100%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC006A 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 AC006A by changing the saturation by 10% instead.

 AC006A

 AC006A

FFFFFF

 8F0052

 E8519D

 72003B

 FF6EB8

 550025

 FF8AD4

 3B000F

 FFA7F0

 170000

 FFC4FF

 000000

 FFE2FF

 AC006A

 AC1171

 AC2277

 AC347E

 AC4584

 AC568B

 AC6792

 AC7898

 AC8A9F

 AC9BA5

Harmonies

Analogous

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



87329B



AC006A



B10A36

Triad

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



AC006A



486100



006CAB

Complementary

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



AC006A



00AC42

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.



006E7E



AC006A



006906

Square

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



AC006A



795100



006D47



0064C2

Rectangle

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



AC006A



A62A12



006D47



006D9E

Sweetspot

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



AC006A



E09DC7



4200AC



704861



F0F0F0



707070

Same Dimension

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



AC006A



E0008A



AC0014



574E53



96005D



17000E

Inverse Universe

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



AC006A



E0008A



00AC98



574E53



96005D



17000E

Previews

White Background



This preview shows how the Hex color AC006A looks on a white background.

Color Contrast Check

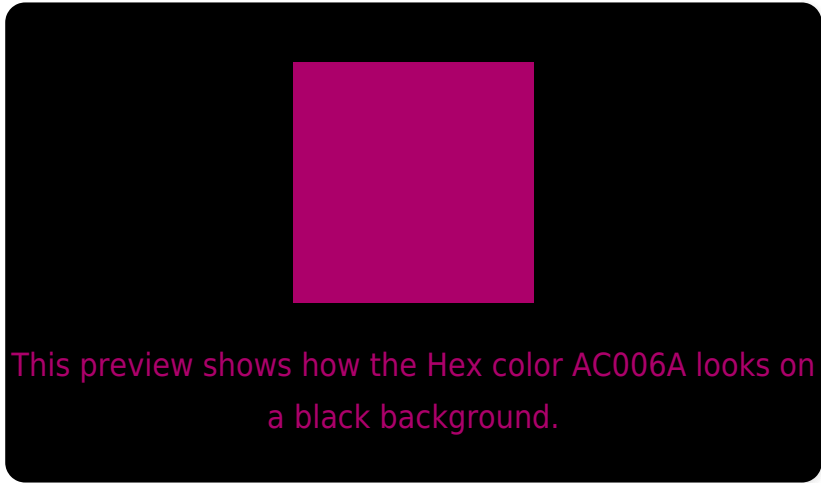
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 AC006A Background



This preview shows how black text looks on a background with the Hex color AC006A.



This preview shows how white text looks on a background with the Hex color AC006A.

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



Trichromacy



Original Color
AC006A



Protanomaly
683987



Deuteranomaly
7C3865

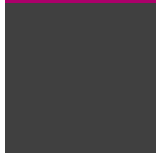


Tritanomaly
A91B42

Monochromacy



Original Color
AC006A



Achromatopsia
404040



Achromatomaly
67294F

CSS Examples

Text

The CSS property to change the color of the text to Hex AC006A 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 #AC006A looks like.

```
.text, #text, p{  
    color:#AC006A  
}
```

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 #AC006A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC006A
}
```

Border

The CSS property to change the border of an element to Hex AC006A 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
#AC006A }
```

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

```
.border{ border-color:#AC006A }
```

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

Here you see how a box with a 4 pixel #AC006A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC006A; -webkit-box-shadow:4px 4px  
4px 4px #AC006A; box-shadow:4px 4px 4px  
4px #AC006A }
```

Background

The CSS property to change the background color of an element to Hex AC006A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC006A }
```

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

```
.background{ background-color:#AC006A }
```

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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