

Converting Colors

Hex(AC004E)

Have a look what the booklet for
Hex(AC004E) contains.

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Color

Hex(AC004E)

Conversions

Conversions Part 1

Format	Color
Hex	AC004E
RGB	172, 0, 78
RGB Percent	67%, 0%, 31%
CMY	0.3255, 1.0000, 0.6941
CMYK	0.00, 1.00, 0.55, 0.33
HSL	333°, 100%, 34%
HSV	333°, 100%, 67%
XYZ	18.3884, 9.3207, 8.0376
YIQ	60.3200, 77.4740, 60.7220

Conversions

Conversions Part 2

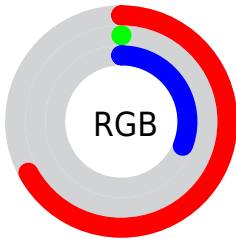
Format	Color
R_{YB}	172, 0, 78
Decimal	11272270
CIE _{Lab}	36.59, 62.48, 6.78
CIE _{LCh}	37, 62.849, 6.195
Yxy	9.3207, 0.5144, 0.2607
Android (android.graphics.Color)	4289462350 (0xFFAC004E)
YUV	60.3200, 8.7162, 97.9434
Hunter-Lab	30.5298, 54.0849, 5.7615

Details

The Hex color **AC004E** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **00AC5E**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **E9507F**, and **710022** is the 20% darker color. If you saturate the color by 10%, you get **AC004E**, and if you desaturate by 10%, it is **AC1157**.

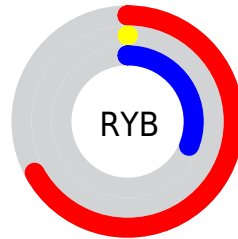
Distribution



Red (67%)

Green (0%)

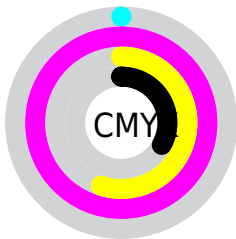
Blue (31%)



Red (67%)

Yellow (0%)

Blue (31%)

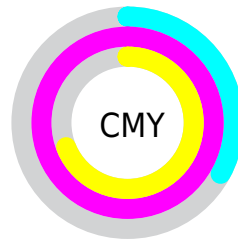


Cyan (0%)

Magenta (100%)

Yellow (55%)

Black (33%)



Cyan (33%)

Magenta (100%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC004E 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 AC004E by changing the saturation by 10% instead.

 AC004E

 AC004E

FFFFFF

 8E0037

 E9507F

 710022

 FF6C99

 54000C

 FF89B3

 380002

 FFA5CF

 0C0000

 FFC2EB

 000000

 FFE0FF

 FFFDFD

 AC004E

 AC1157

 AC2261

 AC346A

 AC4574

 AC567D

 AC6786

 AC7890

 AC8A99

 AC9BA3

Harmonies

Analogous

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



992080



AC004E



A4251D

Triad

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



AC004E



276300



0066B3

Complementary

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



AC004E



00AC5E

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.



006B91



AC004E



00692A

Square

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



AC004E



615800



006B60



005ABC

Rectangle

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



AC004E



943B00



006B60



0068AA

Sweetspot

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



AC004E



E09DBC



5C00AC



70485A



F0F0F0



707070

Same Dimension

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



AC004E



E00066



AC0600



574E52



960044



17000A

Inverse Universe

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



AC004E



E00066



00A6AC



574E52



960044



17000A

Previews

White Background



This preview shows how the Hex color AC004E looks on a white background.

Color Contrast Check

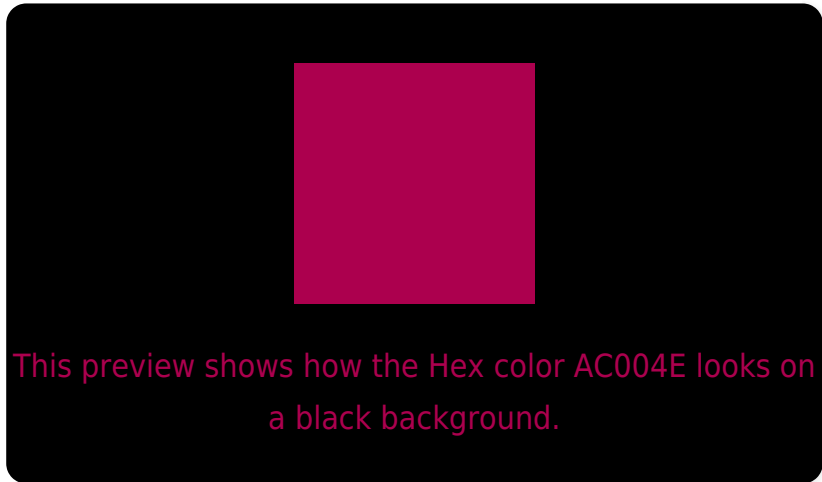
Large Text (above 18pt) WCAG AA ✓ Pass

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 AC004E Background



This preview shows how black text looks on a background with the Hex color AC004E.



This preview shows how white text looks on a background with the Hex color AC004E.

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
AC004E

Protanomaly
733864

Deuteranomaly
81364A

Tritanomaly
AB142F

Monochromacy



Original Color
AC004E

Achromatopsia
3C3C3C

Achromatomaly
652643

CSS Examples

Text

The CSS property to change the color of the text to Hex AC004E 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 #AC004E looks like.

```
.text, #text, p{  
    color:#AC004E  
}
```

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 #AC004E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC004E
}
```

Border

The CSS property to change the border of an element to Hex AC004E 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".

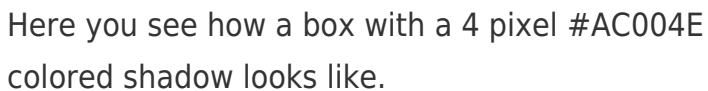
```
.border, #border, table{ border:4px solid
#AC004E }
```

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

```
.border{ border-color:#AC004E }
```

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

Here you see how a box with a 4 pixel #AC004E colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a dark red border and a dark red shadow. The shadow is visible on the right and bottom edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC004E; -webkit-box-shadow:4px 4px  
4px 4px #AC004E; box-shadow:4px 4px 4px  
4px #AC004E }
```

Background

The CSS property to change the background color of an element to Hex AC004E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC004E }
```

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

```
.background{ background-color:#AC004E }
```

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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