

Converting Colors

Hex(AC005C)

Have a look what the booklet for
Hex(AC005C) contains.

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Color

Hex(AC005C)

Conversions

Conversions Part 1

Format	Color
Hex	AC005C
RGB	172, 0, 92
RGB Percent	67%, 0%, 36%
CMY	0.3255, 1.0000, 0.6392
CMYK	0.00, 1.00, 0.47, 0.33
HSL	328°, 100%, 34%
HSV	328°, 100%, 67%
XYZ	18.9450, 9.5434, 10.9688
YIQ	61.9160, 72.9800, 65.0760

Conversions

Conversions Part 2

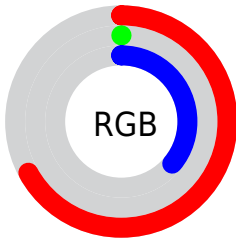
Format	Color
R_{YB}	172, 0, 92
Decimal	11272284
CIE _{Lab}	37.01, 63.58, -1.66
CIE _{LCh}	37, 63.601, 358.502
Yxy	9.5434, 0.4801, 0.2419
Android (android.graphics.Color)	4289462364 (0xFFAC005C)
YUV	61.9160, 14.8314, 96.5437
Hunter-Lab	30.8923, 55.4053, 0.5729

Details

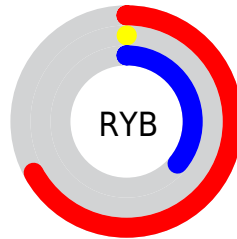
The Hex color **AC005C** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **00AC50**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **E8508E**, and **71002F** is the 20% darker color. If you saturate the color by 10%, you get **AC005C**, and if you desaturate by 10%, it is **AC1164**.

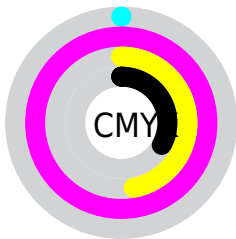
Distribution



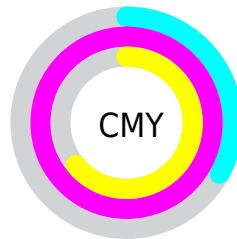
- Red (67%)
- Green (0%)
- Blue (36%)



- Red (67%)
- Yellow (0%)
- Blue (36%)



- Cyan (0%)
- Magenta (100%)
- Yellow (47%)
- Black (33%)



- Cyan (33%)
- Magenta (100%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC005C 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 AC005C by changing the saturation by 10% instead.

 AC005C

 AC005C

FFFFFF

 8E0045

 E8508E

 71002F

 FF6DA8

 54001A

 FF8AC4

 3A0002

 FFA6DF

 120000

 FFC3FC

 000000

 FFE1FF

FFFEFF

 AC005C

 AC1164

 AC226C

 AC3474

 AC457C

 AC5684

 AC678C

 AC7894

 AC8A9C

 AC9BA4

Harmonies

Analogous

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



902A8E



AC005C



AA1B2A

Triad

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



AC005C



3A6200



0069AF

Complementary

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



AC005C



00AC50

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.



006C87



AC005C



00691B

Square

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



AC005C



6D5400



006C53



005FBF

Rectangle

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



AC005C



9D3303



006C53



006BA4

Sweetspot

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



AC005C



E09DC1



4D00AC



70485D



F0F0F0



707070

Same Dimension

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



AC005C



E00078



AC0009



574E53



960050



17000C

Inverse Universe

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



AC005C



E00078



00ACA3



574E53



960050



17000C

Previews

White Background



This preview shows how the Hex color AC005C looks on a white background.

Color Contrast Check

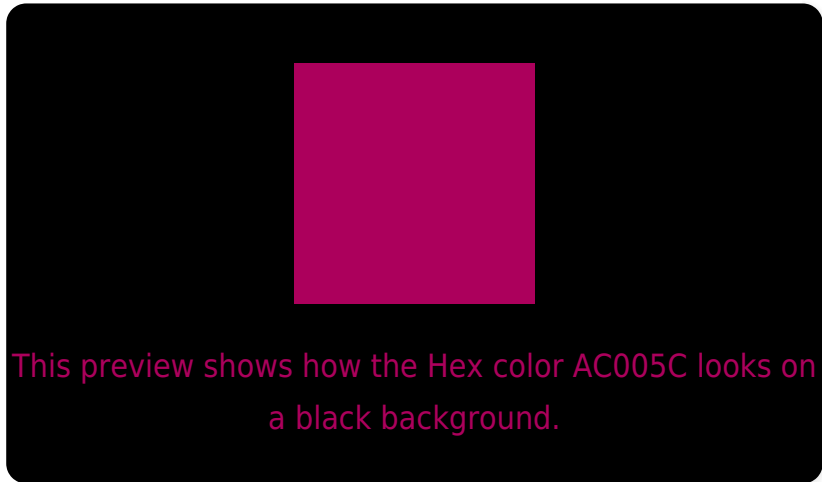
Large Text (above 18pt) WCAG AA ✓ Pass

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 AC005C Background



This preview shows how black text looks on a background with the Hex color AC005C.



This preview shows how white text looks on a background with the Hex color AC005C.

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
AC005C



Protanomaly
6E3876



Deuteranomaly
7E3758



Tritanomaly
AA1839

Monochromacy



Original Color
AC005C



Achromatopsia
3E3E3E



Achromatomaly
662749

CSS Examples

Text

The CSS property to change the color of the text to Hex AC005C 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 #AC005C looks like.

```
.text, #text, p{  
    color:#AC005C  
}
```

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 #AC005C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC005C
}
```

Border

The CSS property to change the border of an element to Hex AC005C is called "border". The border property can be set on classes, ids or directly on the HTML element.

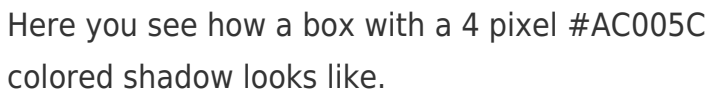
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AC005C }
```

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

```
.border{ border-color:#AC005C }
```

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



Here you see how a box with a 4 pixel `#AC005C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC005C; -webkit-box-shadow:4px 4px  
4px 4px #AC005C; box-shadow:4px 4px 4px  
4px #AC005C }
```

Background

The CSS property to change the background color of an element to Hex AC005C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC005C }
```

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

```
.background{ background-color:#AC005C }
```

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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