

# Converting Colors

Hex(AC005D)

Have a look what the booklet for  
Hex(AC005D) contains.

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# Color

**Hex(AC005D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AC005D
RGB	172, 0, 93
RGB Percent	67%, 0%, 36%
CMY	0.3255, 1.0000, 0.6353
CMYK	0.00, 1.00, 0.46, 0.33
HSL	328°, 100%, 34%
HSV	328°, 100%, 67%
XYZ	18.9890, 9.5610, 11.2005
YIQ	62.0300, 72.6590, 65.3870

# Conversions

## Conversions Part 2

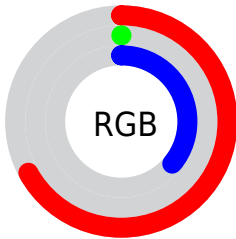
Format	Color
<b>RYB</b>	172, 0, 93
Decimal	11272285
CIELab	37.04, 63.67, -2.26
CIELCh	37, 63.705, 357.969
Yxy	9.5610, 0.4777, 0.2405
Android (android.graphics.Color)	4289462365 (0xFFAC005D)
YUV	62.0300, 15.2682, 96.4437
Hunter-Lab	30.9208, 55.5087, 0.1678

# Details

The Hex color **AC005D** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **00AC4F**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **E8508F**, and **71002F** is the 20% darker color. If you saturate the color by 10%, you get **AC005D**, and if you desaturate by 10%, it is **AC1165**.

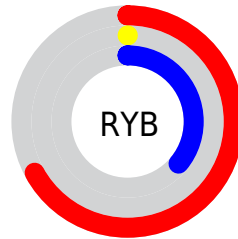
# Distribution



Red (67%)

Green (0%)

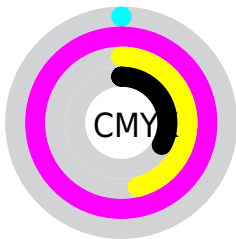
Blue (36%)



Red (67%)

Yellow (0%)

Blue (36%)

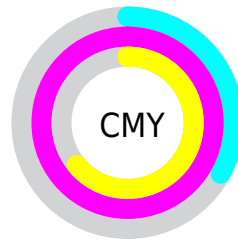


Cyan (0%)

Magenta (100%)

Yellow (46%)

Black (33%)



Cyan (33%)

Magenta (100%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AC005D 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 AC005D by changing the saturation by 10% instead.



 AC005D

 AC005D

FFFFFF

 8E0046

 E8508F

 71002F

 FF6DAA

 54001B

 FF8AC5

 3A0002

 FFA6E1

 120000

 FFC3FD

 000000

 FFE1FF

 FFFEFF

 AC005D

 AC1165

 AC226D

 AC3475

 AC457D

 AC5685

 AC678C

 AC7894

 AC8A9C

 AC9BA4

# Harmonies

## Analogous

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



8F2B8F



AC005D



AB1A2B

# Triad

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



AC005D



3B6200



0069AF

# Complementary

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



AC005D



00AC4F

# 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.



006D86



AC005D



00691A

# Square

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



AC005D



6E5400



006C52



005FBF

# Rectangle

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



AC005D



9D3304



006C52



006BA3



# Sweetspot

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



AC005D



E09DC1



4D00AC



70485E



F0F0F0



707070



# Same Dimension

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



AC005D



E00079



AC0009



574E53



960051



17000C



# Inverse Universe

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



AC005D



E00079



00ACA3



574E53



960051



17000C



# Previews

## White Background



This preview shows how the Hex color AC005D looks on a white background.

## Color Contrast Check

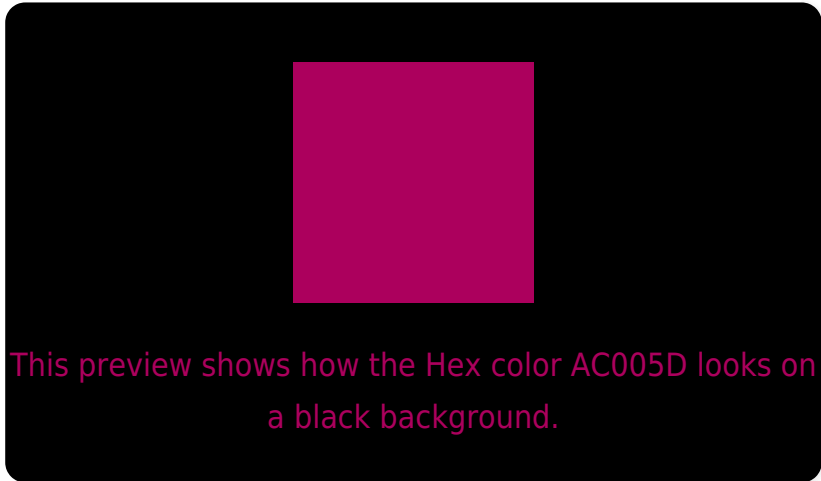
Large Text (above 18pt) WCAG AA ✓ Pass

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 AC005D Background



This preview shows how black text looks on a background with the Hex color AC005D.



This preview shows how white text looks on a background with the Hex color AC005D.

# 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



**Original Color**  
AC005D

**Protanopia**  
4B5986

**Deuteranopia**  
645756



# Trichromacy



**Original Color**  
AC005D



**Protanomaly**  
6E3977



**Deuteranomaly**  
7E3759

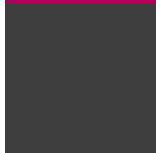


**Tritanomaly**  
AA1839

# Monochromacy



**Original Color**  
AC005D



**Achromatopsia**  
3E3E3E



**Achromatomaly**  
662749

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AC005D 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 #AC005D looks like.

```
.text, #text, p{  
    color:#AC005D  
}
```

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 #AC005D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC005D
}
```

## Border

The CSS property to change the border of an element to Hex AC005D 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
#AC005D }
```

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

```
.border{ border-color:#AC005D }
```

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

Here you see how a box with a 4 pixel #AC005D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC005D; -webkit-box-shadow:4px 4px  
4px 4px #AC005D; box-shadow:4px 4px 4px  
4px #AC005D }
```

# Background

The CSS property to change the background color of an element to Hex AC005D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC005D }
```

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

```
.background{ background-color:#AC005D }
```

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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