

Converting Colors

Hex(AC0089)

Have a look what the booklet for
Hex(AC0089) contains.

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Color

Hex(AC0089)

Conversions

Conversions Part 1

Format	Color
Hex	AC0089
RGB	172, 0, 137
RGB Percent	67%, 0%, 54%
CMY	0.3255, 1.0000, 0.4627
CMYK	0.00, 1.00, 0.20, 0.33
HSL	312°, 100%, 34%
HSV	312°, 100%, 67%
XYZ	21.5286, 10.5768, 24.5738
YIQ	67.0460, 58.5350, 79.0710

Conversions

Conversions Part 2

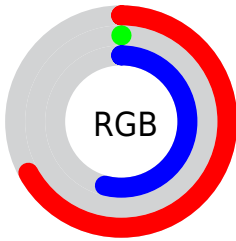
Format	Color
R_{YB}	172, 0, 137
Decimal	11272329
CIE _{Lab}	38.86, 68.33, -27.18
CIE _{LCh}	39, 73.537, 338.305
Yxy	10.5768, 0.3798, 0.1866
Android (android.graphics.Color)	4289462409 (0xFFAC0089)
YUV	67.0460, 34.4873, 92.0447
Hunter-Lab	32.5220, 61.2483, -22.0344

Details

The Hex color **AC0089** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **00AC23**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **E752BF**, and **730057** is the 20% darker color. If you saturate the color by 10%, you get **AC0089**, and if you desaturate by 10%, it is **AC118D**.

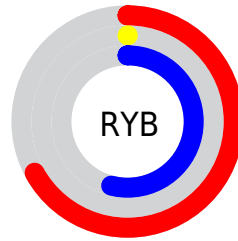
Distribution



Red (67%)

Green (0%)

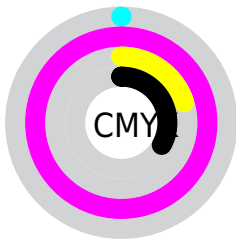
Blue (54%)



Red (67%)

Yellow (0%)

Blue (54%)

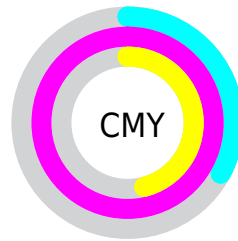


Cyan (0%)

Magenta (100%)

Yellow (20%)

Black (33%)



Cyan (33%)

Magenta (100%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC0089 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 AC0089 by changing the saturation by 10% instead.

 AC0089

 AC0089

FFFFFF

 8F006F

 E752BF

 730057

 FF70DB

 57003F

 FF8DF7

 3D0029

 FFA9FF

 1E0012

 FFC6FF

 000000

 FFE4FF

 AC0089

 AC118D

 AC2290

 AC3494

 AC4597

 AC569B

 AC679E

 AC78A2

 AC8AA5

 AC9BA9

Harmonies

Analogous

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



6C41BB



AC0089



C0004E

Triad

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



AC0089



625F00



0073A5

Complementary

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



AC0089



00AC23

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.



00736B



AC0089



116B00

Square

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



AC0089



924700



00712B



006ECC

Rectangle

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



AC0089



BB0027



00712B



007493

Sweetspot

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



AC0089



E09DD3



2200AC



704868



F0F0F0



707070

Same Dimension

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



AC0089



E000B3



AC0034



574E55



960078



170012

Inverse Universe

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



AC0089



E000B3



00AC78



574E55



960078



170012

Previews

White Background



This preview shows how the Hex color AC0089 looks on a white background.

Color Contrast Check

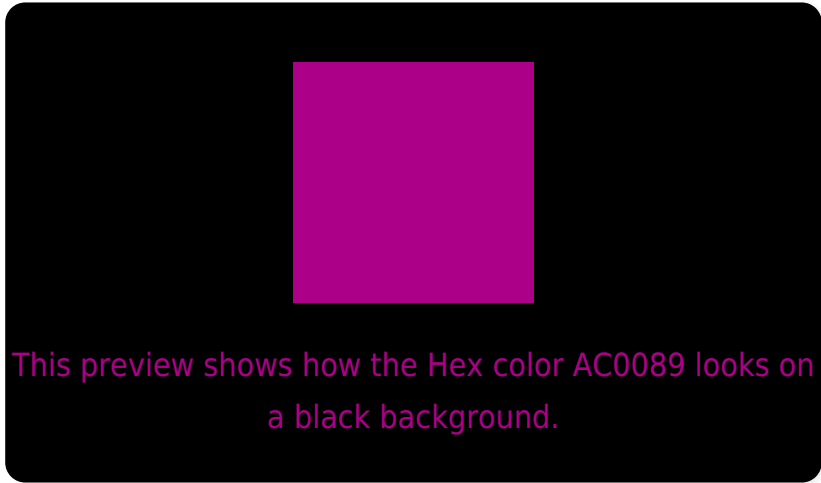
Large Text (above 18pt) WCAG AA ✓ Pass

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

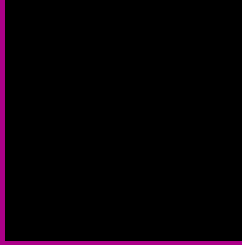
Any Text WCAG AA × Fail

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 AC0089 Background



This preview shows how black text looks on a background with the Hex color AC0089.



This preview shows how white text looks on a background with the Hex color AC0089.

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
AC0089



Protanomaly
3F3AAD



Deuteranomaly
743B83



Tritanomaly
A82256

Monochromacy



Original Color
AC0089



Achromatopsia
434343



Achromatomaly
692B5C

CSS Examples

Text

The CSS property to change the color of the text to Hex AC0089 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 #AC0089 looks like.

```
.text, #text, p{  
    color:#AC0089  
}
```

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 #AC0089 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC0089
}
```

Border

The CSS property to change the border of an element to Hex AC0089 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
#AC0089 }
```

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

```
.border{ border-color:#AC0089 }
```

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

Here you see how a box with a 4 pixel #AC0089 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC0089; -webkit-box-shadow:4px 4px  
4px 4px #AC0089; box-shadow:4px 4px 4px  
4px #AC0089 }
```

Background

The CSS property to change the background color of an element to Hex AC0089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC0089 }
```

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

```
.background{ background-color:#AC0089 }
```

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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