

Converting Colors

Hex(AC0024)

Have a look what the booklet for
Hex(AC0024) contains.

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Color

Hex(AC0024)

Conversions

Conversions Part 1

Format	Color
Hex	AC0024
RGB	172, 0, 36
RGB Percent	67%, 0%, 14%
CMY	0.3255, 1.0000, 0.8588
CMYK	0.00, 1.00, 0.79, 0.33
HSL	347°, 100%, 34%
HSV	347°, 100%, 67%
XYZ	17.3317, 8.8980, 2.4731
YIQ	55.5320, 90.9560, 47.6600

Conversions

Conversions Part 2

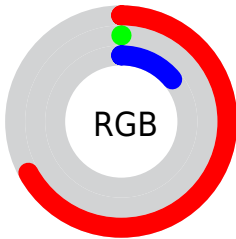
Format	Color
RYB	172, 0, 36
Decimal	11272228
CIELab	35.79, 60.31, 32.65
CIELCh	36, 68.582, 28.428
Yxy	8.8980, 0.6038, 0.3100
Android (android.graphics.Color)	4289462308 (0xFFAC0024)
YUV	55.5320, -9.6293, 102.1424
Hunter-Lab	29.8296, 51.5110, 15.9652

Details

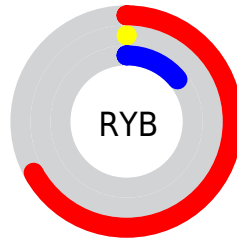
The Hex color **AC0024** is a dark color, and the websafe version is hex **CC0033**. A complement of this color would be **00AC88**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **EB4E51**, and **6F0000** is the 20% darker color. If you saturate the color by 10%, you get **AC0024**, and if you desaturate by 10%, it is **AC1132**.

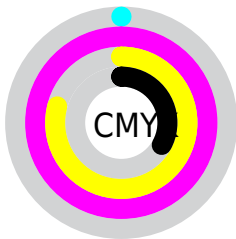
Distribution



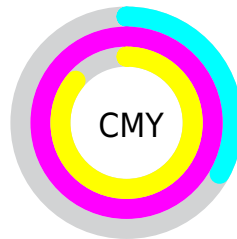
- Red (67%)
- Green (0%)
- Blue (14%)



- Red (67%)
- Yellow (0%)
- Blue (14%)



- Cyan (0%)
- Magenta (100%)
- Yellow (79%)
- Black (33%)



- Cyan (33%)
- Magenta (100%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC0024 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 AC0024 by changing the saturation by 10% instead.

 AC0024

 AC0024

FFFFFF

 8D0010

 EB4E51

 6F0000

 FF6B69

 500001

 FF8782

 340002

 FFA39C

 000000

 FFC0B7

 FFDDDD3

 FFFBEF

 AC0024

 AC1132

 AC223F

 AC344D

 AC455A

 AC5668

 AC6776

 AC7883

 AC8A91

 AC9B9E

Harmonies

Analogous

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



AE005A



AC0024



933700

Triad

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



AC0024



006711



005DC4

Complementary

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



AC0024



00AC88

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.



0067B3



AC0024



006A50

Square

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



AC0024



336000



006A88



3E47B6

Rectangle

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



AC0024



794A00



006A88



0062C2

Sweetspot

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



AC0024



E09DAB



8700AC



704850



F0F0F0



707070

Same Dimension

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



AC0024



E0002F



AC3100



574E50



96001F



170005

Inverse Universe

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



AC0024



E0002F



007BAC



574E50



96001F



170005

Previews

White Background



This preview shows how the Hex color AC0024 looks on a white background.

Color Contrast Check

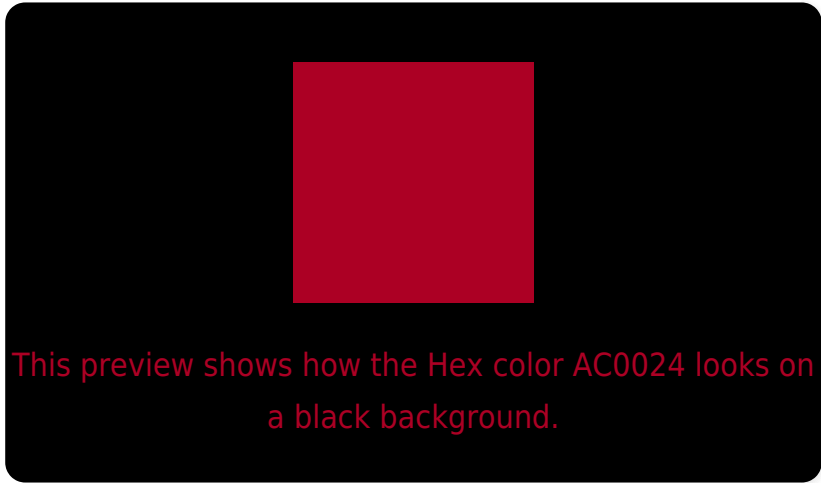
Large Text (above 18pt) WCAG AA ✓ Pass

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 AC0024 Background



This preview shows how black text looks on a background with the Hex color AC0024.



This preview shows how white text looks on a background with the Hex color AC0024.

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
AC0024

Protanopia
5F5737

Deuteranopia
6D5318

Trichromacy



Original Color
AC0024

Protanomaly
7B3730

Deuteranomaly
84351C

Tritanomaly
AC0A0F

Monochromacy



Original Color
AC0024

Achromatopsia
383838

Achromatomaly
622431

CSS Examples

Text

The CSS property to change the color of the text to Hex AC0024 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 #AC0024 looks like.

```
.text, #text, p{  
    color:#AC0024  
}
```

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 #AC0024 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC0024
}
```

Border

The CSS property to change the border of an element to Hex AC0024 is called "border". The border property can be set on classes, ids or directly on the HTML element.

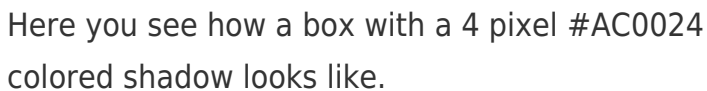
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AC0024 }
```

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

```
.border{ border-color:#AC0024 }
```

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



Here you see how a box with a 4 pixel `#AC0024` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC0024; -webkit-box-shadow:4px 4px  
4px 4px #AC0024; box-shadow:4px 4px 4px  
4px #AC0024 }
```

Background

The CSS property to change the background color of an element to Hex AC0024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC0024 }
```

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

```
.background{ background-color:#AC0024 }
```

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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