

Converting Colors

Hex(ACAC00)

Have a look what the booklet for
Hex(ACAC00) contains.

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Color

Hex(ACAC00)

Conversions

Conversions Part 1

Format	Color
Hex	ACAC00
RGB	172, 172, 0
RGB Percent	67%, 67%, 0%
CMY	0.3255, 0.3255, 1.0000
CMYK	0.00, 0.00, 1.00, 0.33
HSL	60°, 100%, 34%
HSV	60°, 100%, 67%
XYZ	31.7658, 38.2757, 5.7137
YIQ	152.3920, 55.2120, -53.4920

Conversions

Conversions Part 2

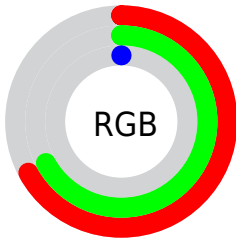
Format	Color
RYB	0, 172, 0
Decimal	11316224
CIELab	68.22, -16.05, 70.34
CIELCh	68, 72.143, 102.852
Yxy	38.2757, 0.4193, 0.5053
Android (android.graphics.Color)	4289506304 (0xFFACAC00)
YUV	152.3920, -75.1293, 17.1962
Hunter-Lab	61.8674, -16.6171, 37.8315

Details

The Hex color **ACAC00** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **0000AC**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **E7E34D**, and **737800** is the 20% darker color. If you saturate the color by 10%, you get **ACAC00**, and if you desaturate by 10%, it is **ACAC11**.

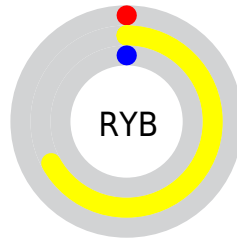
Distribution



Red (67%)

Green (67%)

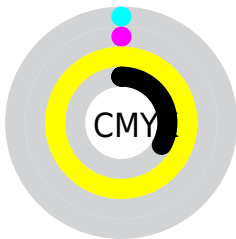
Blue (0%)



Red (0%)

Yellow (67%)

Blue (0%)

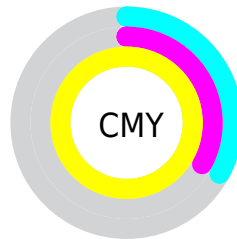


Cyan (0%)

Magenta (0%)

Yellow (100%)

Black (33%)



Cyan (33%)

Magenta (33%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color ACAC00 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 ACAC00 by changing the saturation by 10% instead.

 ACAC00

 ACAC00

FFFFFF

 8F9200

 E7E34D

 737800

 FFFF6A

 585F00

 FFFF86

 3C4800

 FFFFA2

 233200

 FFFFBE

 041D00

 FFFFDC

 000000

 FFFFF9

 ACAC00

 ACAC11

 ACAC22

 ACAC34

 ACAC45

 ACAC56

 ACAC67

 ACAC78

 ACAC8A

 ACAC9B

Harmonies

Analogous

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



E59519



ACAC00



62BB3E

Triad

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



ACAC00



00C2FE



FF6CCE

Complementary

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



ACAC00



0000AC

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.



CD88FF



ACAC00



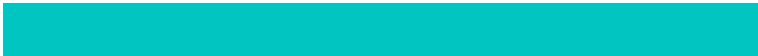
00B8FF

Square

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



ACAC00



00C5C1



4DA4FF



FF658D

Rectangle

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



ACAC00



00C067



4DA4FF



F974E3

Sweetspot

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



ACAC00



E0E09D



AC0000



707048



F0F0F0



707070

Same Dimension

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



ACAC00



E0E000



56AC00



57574E



969600



171700

Inverse Universe

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



0000AC



0000E0



5600AC



4E4E57



000096



000017

Previews

White Background



This preview shows how the Hex color ACAC00 looks on a white background.

Color Contrast Check

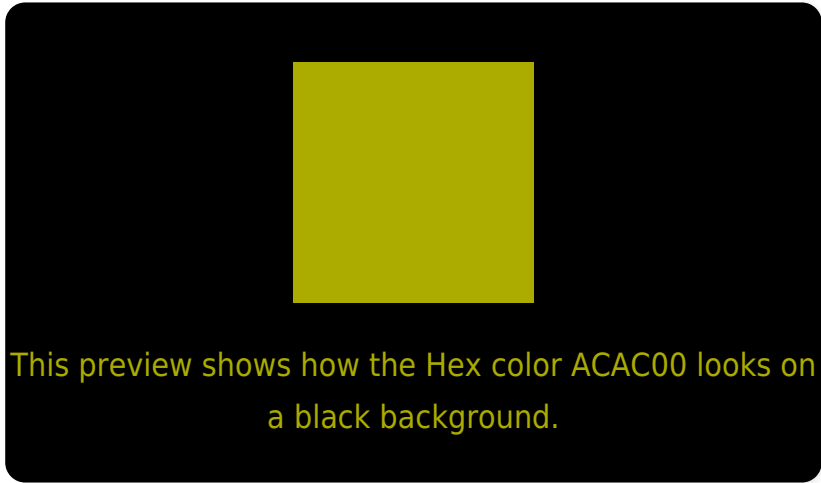
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex ACAC00 Background



This preview shows how black text looks on a background with the Hex color ACAC00.



This preview shows how white text looks on a background with the Hex color ACAC00.

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
ACAC00

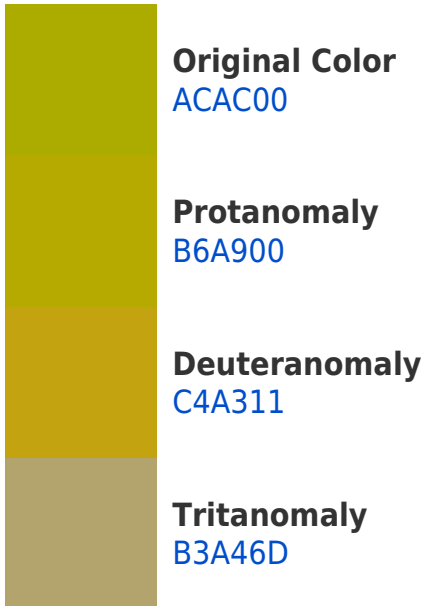
Protanopia
BCA700

Deuteranopia
D29E1A



Tritanopia
B7A0AC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex ACAC00 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 #ACAC00 looks like.

```
.text, #text, p{  
    color:#ACAC00  
}
```

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 #ACAC00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACAC00
}
```

Border

The CSS property to change the border of an element to Hex ACAC00 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
#ACAC00 }
```

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

```
.border{ border-color:#ACAC00 }
```

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

Here you see how a box with a 4 pixel #ACAC00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACAC00; -webkit-box-shadow:4px 4px  
4px 4px #ACAC00; box-shadow:4px 4px 4px  
4px #ACAC00 }
```

Background

The CSS property to change the background color of an element to Hex ACAC00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACAC00 }
```

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

```
.background{ background-color:#ACAC00 }
```

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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