

Converting Colors

Hex(ACAC32)

Have a look what the booklet for
Hex(ACAC32) contains.

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Color

Hex(ACAC32)

Conversions

Conversions Part 1

Format	Color
Hex	ACAC32
RGB	172, 172, 50
RGB Percent	67%, 67%, 20%
CMY	0.3255, 0.3255, 0.8039
CMYK	0.00, 0.00, 0.71, 0.33
HSL	60°, 55%, 44%
HSV	60°, 71%, 67%
XYZ	32.3415, 38.5060, 8.7454
YIQ	158.0920, 39.1620, -37.9420

Conversions

Conversions Part 2

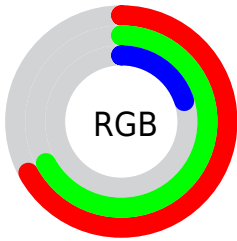
Format	Color
RYB	50, 172, 50
Decimal	11316274
CIELab	68.39, -14.69, 59.21
CIELCh	68, 61.006, 103.933
Yxy	38.5060, 0.4063, 0.4838
Android (android.graphics.Color)	4289506354 (0xFFACAC32)
YUV	158.0920, -53.2894, 12.1973
Hunter-Lab	62.0532, -15.5607, 35.0812

Details

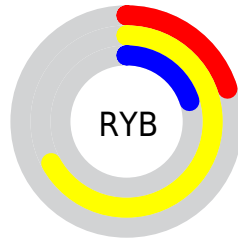
The Hex color **ACAC32** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **3232AC**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **E6E368**, and **747800** is the 20% darker color. If you saturate the color by 10%, you get **ACAC21**, and if you desaturate by 10%, it is **ACAC43**.

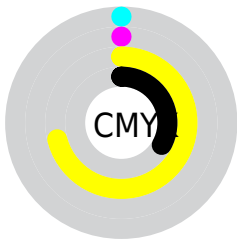
Distribution



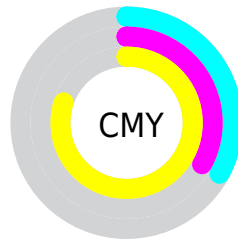
- Red (67%)
- Green (67%)
- Blue (20%)



- Red (20%)
- Yellow (67%)
- Blue (20%)



- Cyan (0%)
- Magenta (0%)
- Yellow (71%)
- Black (33%)



- Cyan (33%)
- Magenta (33%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color ACAC32 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 ACAC32 by changing the saturation by 10% instead.



ACAC32



ACAC32

FFFFFF



909211



E6E368



747800



FFFF84



595F00



FFFF9F



3F4800



FFFFBB



253200



FFFFD8



091D00



FFFFF5



000000



ACAC32



ACAC32



ACAC21



ACAC43

■ ACAC10

■ ACAC54

■ ACAC00

■ ACAC66

■ ACAC77

■ ACAC88

■ ACAC99

■ ACACAA

■ ACACBC

■ ACACCD

Harmonies

Analogous

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



DD9938



ACAC32



6EB953

Triad

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



ACAC32



00BFF2



FC79C7

Complementary

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



ACAC32



3232AC

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.



CB8DF7



ACAC32



00B5FF

Square

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



ACAC32



00C2C0



70A4FF



FF758F

Rectangle

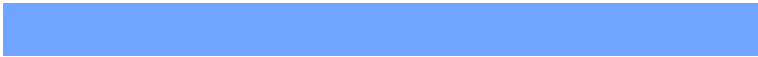
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



ACAC32



28BE74



70A4FF



F07FD8

Sweetspot

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



ACAC32



E0E0B1



AC3232



707054



F0F0F0



707070

Same Dimension

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



ACAC32



E0E022



6FAC32



57574E



969600



171700

Inverse Universe

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



3232AC



2222E0



6F32AC



4E4E57



000096



000017

Previews

White Background



This preview shows how the Hex color ACAC32 looks on a white background.

Color Contrast Check

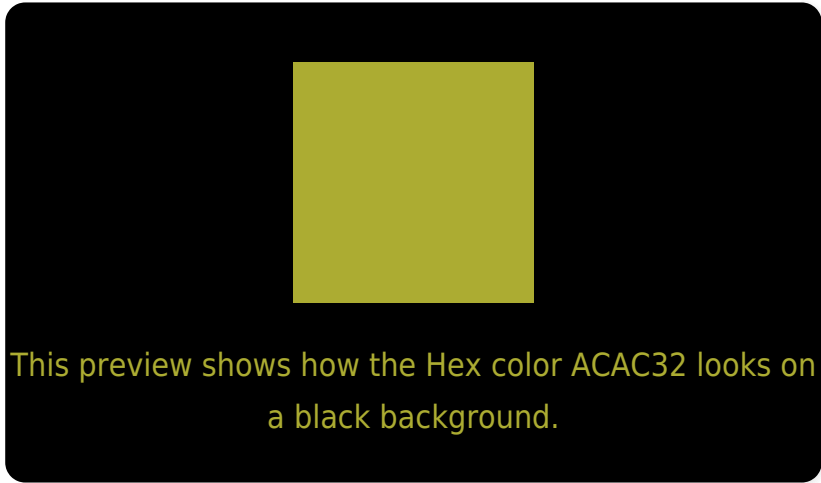
Large Text (above 18pt) WCAG AA × Fail

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 ACAC32 Background



This preview shows how black text looks on a background with the Hex color ACAC32.

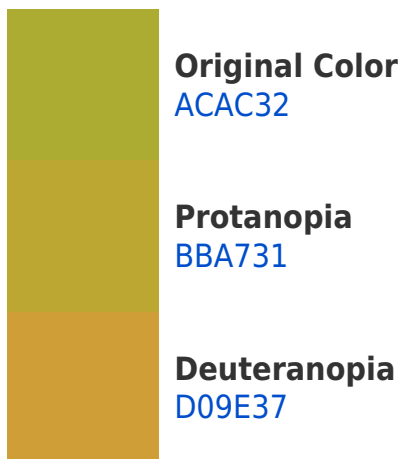


This preview shows how white text looks on a background with the Hex color ACAC32.

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](#).

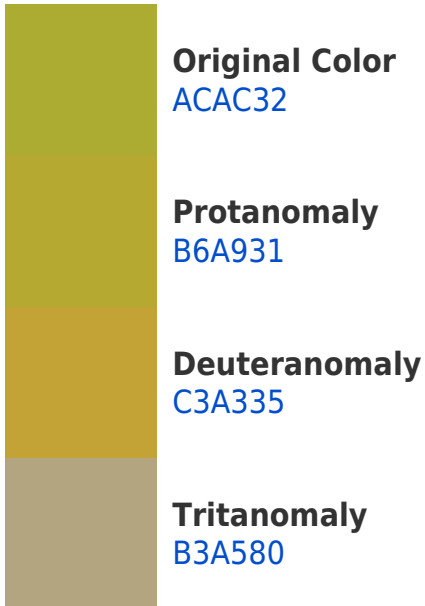
Dichromacy





Tritanopia
B7A1AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex ACAC32 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 #ACAC32 looks like.

```
.text, #text, p{  
    color:#ACAC32  
}
```

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 #ACAC32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACAC32
}
```

Border

The CSS property to change the border of an element to Hex ACAC32 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
#ACAC32 }
```

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

```
.border{ border-color:#ACAC32 }
```

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

Here you see how a box with a 4 pixel #ACAC32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACAC32; -webkit-box-shadow:4px 4px  
4px 4px #ACAC32; box-shadow:4px 4px 4px  
4px #ACAC32 }
```

Background

The CSS property to change the background color of an element to Hex ACAC32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACAC32 }
```

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

```
.background{ background-color:#ACAC32 }
```

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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