

# Converting Colors

Hex(ACBD3C)

Have a look what the booklet for  
Hex(ACBD3C) contains.

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# Color

Hex(ACBD3C)

# Conversions

## Conversions Part 1

Format	Color
Hex	ACBD3C
RGB	172, 189, 60
RGB Percent	67%, 74%, 24%
CMY	0.3255, 0.2588, 0.7647
CMYK	0.09, 0.00, 0.68, 0.26
HSL	68°, 52%, 49%
HSV	68°, 68%, 74%
XYZ	36.0265, 45.4921, 11.1570
YIQ	169.2110, 31.2770, -43.7230

# Conversions

## Conversions Part 2

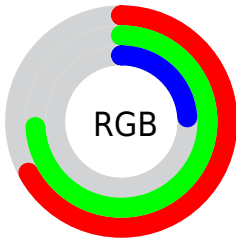
<b>Format</b>	<b>Color</b>
<b>RYB</b>	60, 189, 77
Decimal	11320636
CIELab	73.21, -22.69, 60.23
CIElCh	73, 64.363, 110.646
Yxy	45.4921, 0.3887, 0.4909
Android (android.graphics.Color)	4289510716 (0xFFACBD3C)
YUV	169.2110, -53.8410, 2.4460
Hunter-Lab	67.4478, -22.6900, 37.4059

# Details

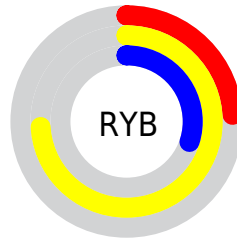
The Hex color **ACBD3C** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **4D3CBD**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **E6F573**, and **748800** is the 20% darker color. If you saturate the color by 10%, you get **AABD29**, and if you desaturate by 10%, it is **AEBD4F**.

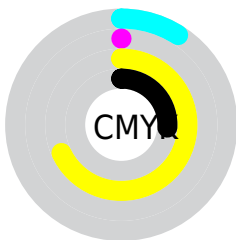
# Distribution



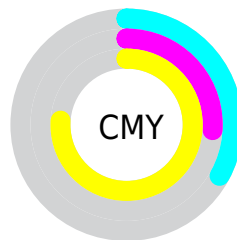
- Red (67%)
- Green (74%)
- Blue (24%)



- Red (24%)
- Yellow (74%)
- Blue (30%)



- Cyan (9%)
- Magenta (0%)
- Yellow (68%)
- Black (26%)



- Cyan (33%)
- Magenta (26%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ACBD3C 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 ACBD3C by changing the saturation by 10% instead.



 ACBD3C

 ACBD3C

FFFFFF

 90A21E

 E6F573

 748800

 FFFF8E

 596E00

 FFFFAA

 3F5600

 FFFF8E

 243F00

 FFFF8E

 082900

 001300

 000000

 ACBD3C

 ACBD3C

 AABD29

 AEBD4F

 A7BD16

 B1BD62

 A5BD03

 B3BD75

 A4BD00

 B6BD88

 B8BD9B

 BBBDAD

 BDBDC0

 C0BDD3

 C2BDE6

# Harmonies

## Analogous

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



E3AA38



ACBD3C



64C965

# Triad

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



ACBD3C



00CCFF



FF80C9

# Complementary

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



ACBD3C



4D3CBD

# 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.



EA93FF



ACBD3C



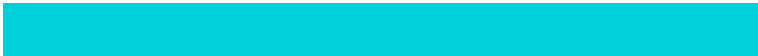
00C0FF

# Square

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



ACBD3C



00D0DC



95ACFF



FF818E

# Rectangle

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



ACBD3C



00CE8A



95ACFF



FF85DC



# Sweetspot

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



ACBD3C



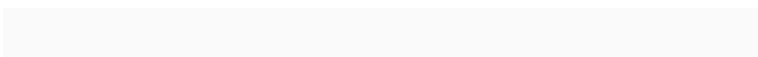
EEF5C4



BD4B3C



777A5D



FAFAFA



7A7A7A



# Same Dimension

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



ACBD3C



DAF52C



6DBD3C



5D5E55



899E00



1B1F00



# Inverse Universe

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



4D3CBD



472CF5



8C3CBD



56555E



15009E



04001F



# Previews

## White Background



This preview shows how the Hex color ACBD3C looks on a white background.

## Color Contrast Check

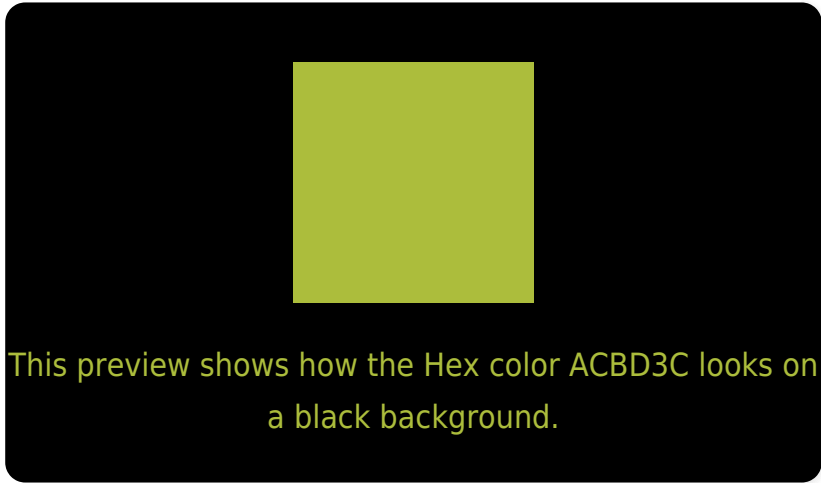
Large Text (above 18pt) WCAG AA × Fail

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

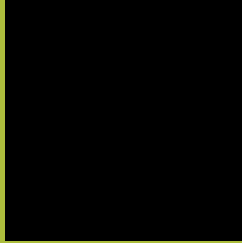
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex ACBD3C Background



This preview shows how black text looks on a background with the Hex color ACBD3C.

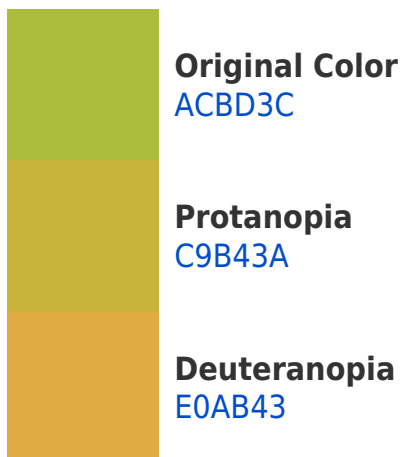


This preview shows how white text looks on a background with the Hex color ACBD3C.

# 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](#).

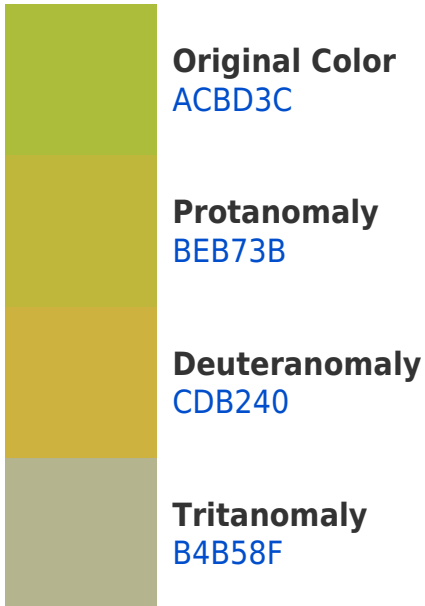
## Dichromacy



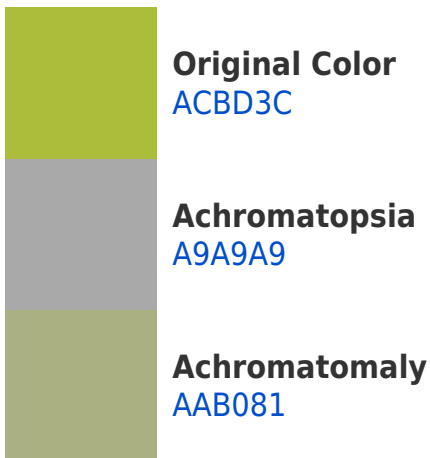


**Tritanopia**  
B9B1BF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ACBD3C 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 #ACBD3C looks like.

```
.text, #text, p{  
    color:#ACBD3C  
}
```

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 #ACBD3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACBD3C
}
```

## Border

The CSS property to change the border of an element to Hex ACBD3C 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
#ACBD3C }
```

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

```
.border{ border-color:#ACBD3C }
```

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

Here you see how a box with a 4 pixel #ACBD3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACBD3C; -webkit-box-shadow:4px 4px  
4px 4px #ACBD3C; box-shadow:4px 4px 4px  
4px #ACBD3C }
```

# Background

The CSS property to change the background color of an element to Hex ACBD3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACBD3C }
```

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

```
.background{ background-color:#ACBD3C }
```

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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