

# Converting Colors

Hex(ACA341)

Have a look what the booklet for  
Hex(ACA341) contains.

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**Color**

**Hex(ACA341)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ACA341
RGB	172, 163, 65
RGB Percent	67%, 64%, 25%
CMY	0.3255, 0.3608, 0.7451
CMYK	0.00, 0.05, 0.62, 0.33
HSL	55°, 45%, 46%
HSV	55°, 62%, 67%
XYZ	31.0646, 35.3467, 10.1863
YIQ	154.5190, 36.8220, -28.5700

# Conversions

## Conversions Part 2

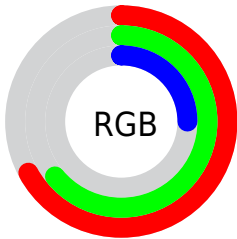
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">75, 172, 65</a>
Decimal	<a href="#">11313985</a>
CIELab	<a href="#">66.02, -9.11, 50.62</a>
CIELCh	<a href="#">66, 51.431, 100.205</a>
Yxy	<a href="#">35.3467, 0.4056, 0.4615</a>
Android (android.graphics.Color)	<a href="#">4289504065 (0xFFACA341)</a>
YUV	<a href="#">154.5190, -44.1329, 15.3308</a>
Hunter-Lab	<a href="#">59.4531, -10.7756, 31.4588</a>

# Details

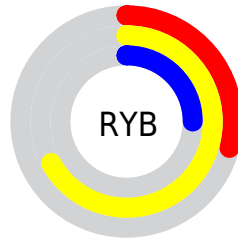
The Hex color **ACA341** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **414AAC**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **E6DA75**, and **757006** is the 20% darker color. If you saturate the color by 10%, you get **ACA230**, and if you desaturate by 10%, it is **ACA452**.

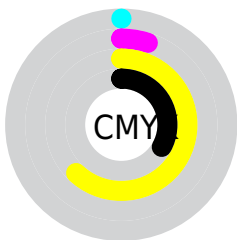
# Distribution



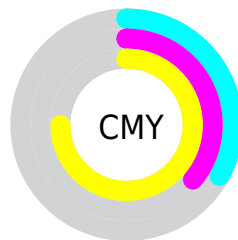
- Red (67%)
- Green (64%)
- Blue (25%)



- Red (29%)
- Yellow (67%)
- Blue (25%)



- Cyan (0%)
- Magenta (5%)
- Yellow (62%)
- Black (33%)



- Cyan (33%)
- Magenta (36%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ACA341 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 ACA341 by changing the saturation by 10% instead.



ACA341

ACA341

FFFFFF

908927

E6DA75

757006

FFF690

5A5700

FFFFAB

414000

FFFFC7

272B00

FFFFE4

0A1700

000000

ACA341

ACA341

ACA230

ACA452

■ ACA01F

■ ACA663

■ AC9F0D

■ ACA775

■ AC9E00

■ ACA986

■ ACAA97

■ ACACA8

■ ACADB9

■ ACAFCB

■ ACB0DC

# Harmonies

## Analogous

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



D49348



ACA341



7AAF57

# Triad

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



ACA341



00B5DB



E57EC1

# Complementary

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



ACA341



414AAC

# 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.



B88EE7



ACA341



00AEF7

# Square

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



ACA341



00B8AF



6CA0FB



F77992

# Rectangle

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



ACA341



4FB471



6CA0FB



D982CF



# Sweetspot

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



ACA341



E0DDB6



AC414C



706E56



F0F0F0



707070



# Same Dimension

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



ACA341



E0D238



81AC41



57564E



968A00



171500



# Inverse Universe

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



414AAC



3846E0



6C41AC



4E4F57



000D96



000217



# Previews

## White Background



This preview shows how the Hex color ACA341 looks on a white background.

## Color Contrast Check

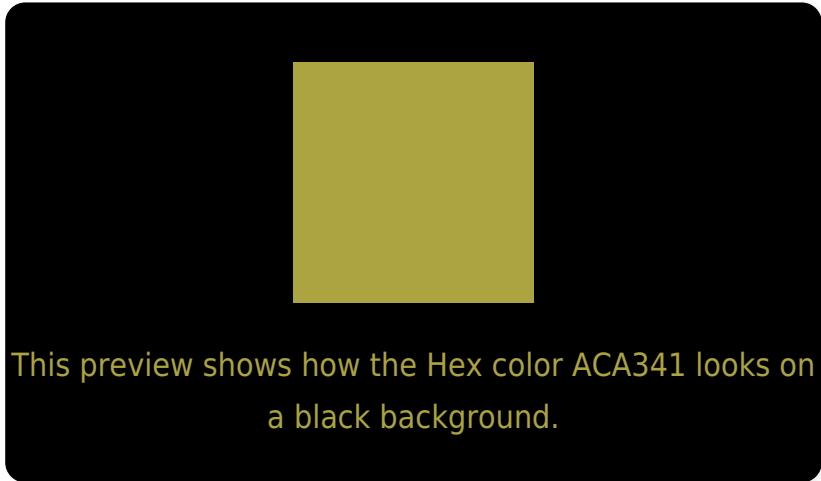
Large Text (above 18pt) WCAG AA × Fail

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

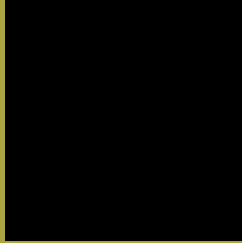
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex ACA341 Background



This preview shows how black text looks on a background with the Hex color ACA341.



This preview shows how white text looks on a background with the Hex color ACA341.

# 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**  
ACA341

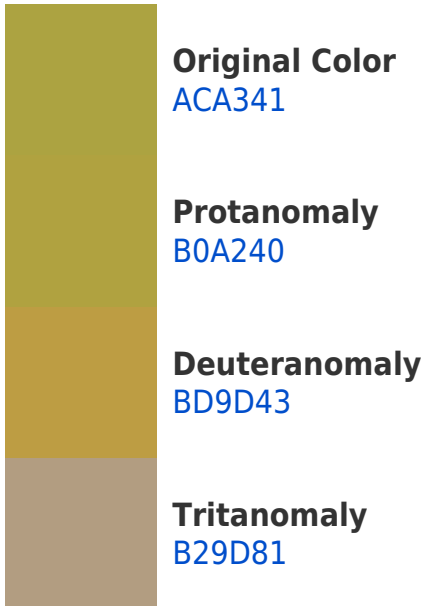
**Protanopia**  
B3A140

**Deuteranopia**  
C79944

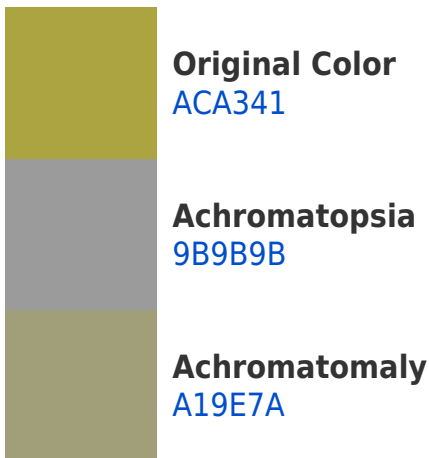


**Tritanopia**  
B599A5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ACA341 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 #ACA341 looks like.

```
.text, #text, p{  
    color:#ACA341  
}
```

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 #ACA341 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACA341
}
```

## Border

The CSS property to change the border of an element to Hex ACA341 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
#ACA341 }
```

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

```
.border{ border-color:#ACA341 }
```

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

Here you see how a box with a 4 pixel #ACA341 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACA341; -webkit-box-shadow:4px 4px  
4px 4px #ACA341; box-shadow:4px 4px 4px  
4px #ACA341 }
```

# Background

The CSS property to change the background color of an element to Hex ACA341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACA341 }
```

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

```
.background{ background-color:#ACA341 }
```

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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