

# Converting Colors

Hex(ACAC11)

Have a look what the booklet for  
Hex(ACAC11) contains.

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# **Color**

**Hex(ACAC11)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ACAC11
RGB	172, 172, 17
RGB Percent	67%, 67%, 7%
CMY	0.3255, 0.3255, 0.9333
CMYK	0.00, 0.00, 0.90, 0.33
HSL	60°, 82%, 37%
HSV	60°, 90%, 67%
XYZ	31.8670, 38.3162, 6.2465
YIQ	154.3300, 49.7550, -48.2050

# Conversions

## Conversions Part 2

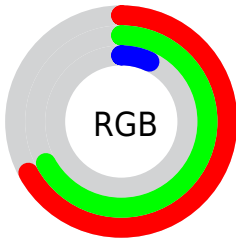
<b>Format</b>	<b>Color</b>
<b>RYB</b>	17, 172, 17
Decimal	11316241
CIELab	68.25, -15.81, 68.13
CIELCh	68, 69.938, 103.062
Yxy	38.3162, 0.4169, 0.5013
Android (android.graphics.Color)	4289506321 (0xFFACAC11)
YUV	154.3300, -67.7037, 15.4966
Hunter-Lab	61.9001, -16.4310, 37.3469

# Details

The Hex color **ACAC11** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **1111AC**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **E7E353**, 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 **ACAC22**.

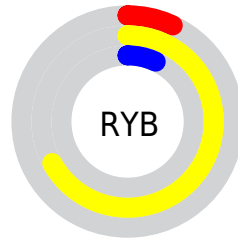
# Distribution



Red (67%)

Green (67%)

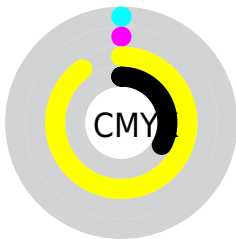
Blue (7%)



Red (7%)

Yellow (67%)

Blue (7%)

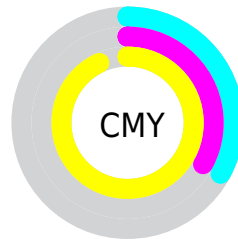


Cyan (0%)

Magenta (0%)

Yellow (90%)

Black (33%)



Cyan (33%)

Magenta (33%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ACAC11 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 ACAC11 by changing the saturation by 10% instead.



 ACAC11

 ACAC11

FFFFFF

 8F9200

 E7E353

 737800

 FFFF6F

 585F00

 FFFF8B

 3D4800

 FFFFA7

 233200

 FFFFC4

 051D00

 FFFFE1

 000000

FFFFFFE

 ACAC11

 ACAC11

■ ACAC00

■ ACAC22

■ ACAC33

■ ACAC45

■ ACAC56

■ ACAC67

■ ACAC78

■ ACAC89

■ ACAC9B

■ ACACAC

# Harmonies

## Analogous

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



E39621



ACAC11



64BA42

# Triad

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



ACAC11



00C1FC



FF6FCD

# Complementary

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



ACAC11



1111AC

# 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.



CC89FF



ACAC11



00B7FF

# Square

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



ACAC11



00C4C1



56A4FF



FF698D

# Rectangle

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



ACAC11



00C06A



56A4FF



F776E1



# Sweetspot

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



ACAC11



E0E0A4



AC1111



70704C



F0F0F0



707070



# Same Dimension

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



ACAC11



E0E000



5FAC11



57574E



969600



171700



# Inverse Universe

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



1111AC



0000E0



5F11AC



4E4E57



000096



000017



# Previews

## White Background



This preview shows how the Hex color ACAC11 looks on a white background.

## Color Contrast Check

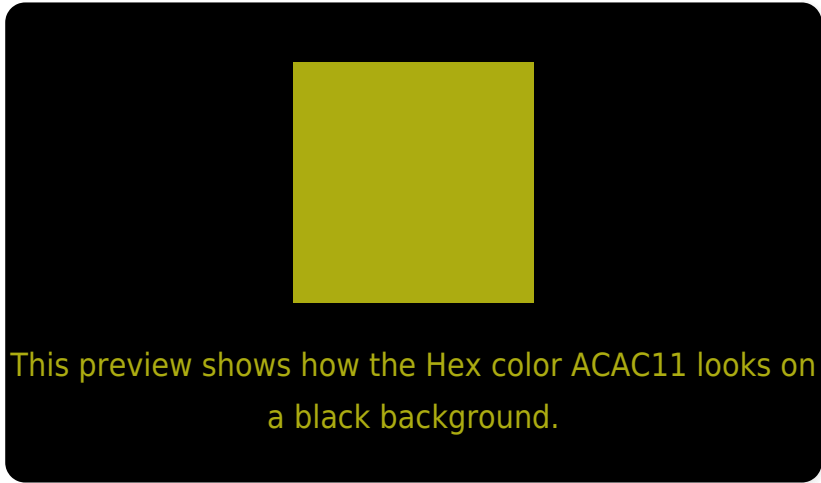
Large Text (above 18pt) WCAG AA × Fail

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 ACAC11 Background



This preview shows how black text looks on a background with the Hex color ACAC11.



This preview shows how white text looks on a background with the Hex color ACAC11.

# 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**  
ACAC11

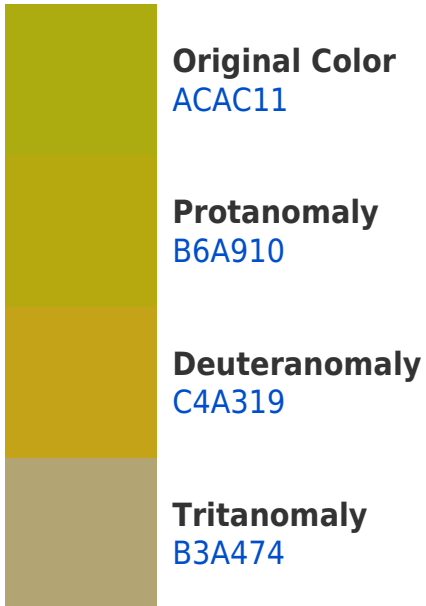
**Protanopia**  
BCA70F

**Deuteranopia**  
D29E1E

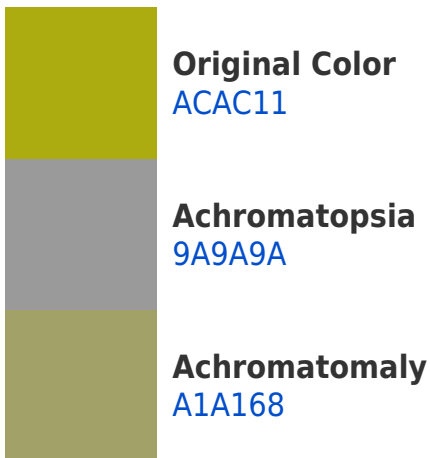


**Tritanopia**  
B7A0AC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ACAC11 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 #ACAC11 looks like.

```
.text, #text, p{  
    color:#ACAC11  
}
```

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 #ACAC11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACAC11
}
```

## Border

The CSS property to change the border of an element to Hex ACAC11 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
#ACAC11 }
```

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

```
.border{ border-color:#ACAC11 }
```

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

Here you see how a box with a 4 pixel #ACAC11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACAC11; -webkit-box-shadow:4px 4px  
4px 4px #ACAC11; box-shadow:4px 4px 4px  
4px #ACAC11 }
```

# Background

The CSS property to change the background color of an element to Hex ACAC11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACAC11 }
```

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

```
.background{ background-color:#ACAC11 }
```

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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