

Converting Colors

Hex(ACAA60)

Have a look what the booklet for
Hex(ACAA60) contains.

Hex(ACAA60)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(ACAA60)

Conversions

Conversions Part 1

Format	Color
Hex	ACAA60
RGB	172, 170, 96
RGB Percent	67%, 67%, 38%
CMY	0.3255, 0.3333, 0.6235
CMYK	0.00, 0.01, 0.44, 0.33
HSL	58°, 31%, 53%
HSV	58°, 44%, 67%
XYZ	33.4993, 38.3646, 16.7058
YIQ	162.1620, 24.9460, -22.5900

Conversions

Conversions Part 2

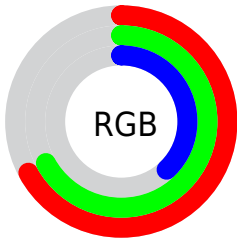
Format	Color
RYB	98, 172, 96
Decimal	11315808
CIELab	68.29, -10.13, 38.26
CIELCh	68, 39.573, 104.828
Yxy	38.3646, 0.3782, 0.4332
Android (android.graphics.Color)	4289505888 (0xFFACAA60)
YUV	162.1620, -32.6179, 8.6279
Hunter-Lab	61.9392, -11.8533, 27.3661

Details

The Hex color **ACAA60** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6062AC**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **E5E194**, and **76762F** is the 20% darker color. If you saturate the color by 10%, you get **ACAA4F**, and if you desaturate by 10%, it is **ACAA71**.

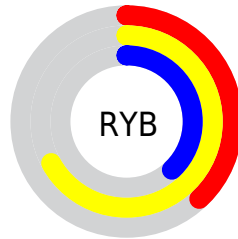
Distribution



Red (67%)

Green (67%)

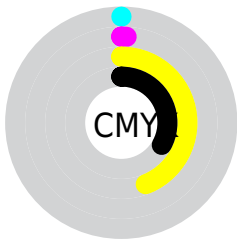
Blue (38%)



Red (38%)

Yellow (67%)

Blue (38%)

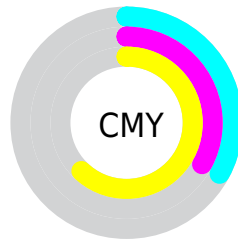


Cyan (0%)

Magenta (1%)

Yellow (44%)

Black (33%)



Cyan (33%)

Magenta (33%)

Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Hex color ACAA60 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 ACAA60 by changing the saturation by 10% instead.

 ACAA60

 ACAA60

FFFFFF

 919047

 E5E194

 76762F

 FFFEAF

 5C5D16

 FFFFCB

 434600

 FFFFE7

 2B3000

 121B00

 000000

 ACAA60

 ACAA60

 ACAA4F

 ACAA71

■ ACA93E

■ ACAB82

■ ACA92C

■ ACAB94

■ ACA81B

■ ACACA5

■ ACA80A

■ ACACB6

■ ACA700

■ ACADC7

■ ACADD8

■ ACAEEA

■ ACAEFB

Harmonies

Analogous

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



CD9E61



ACAA60



84B372

Triad

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



ACAA60



00B7D8



E08CBA

Complementary

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



ACAA60



6062AC

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.



C197D9



ACAA60



4DAFEB

Square

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



ACAA60



05B9B8



8FA4EB



EC8B96

Rectangle

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



ACAA60



66B787



8FA4EB



D88FC6

Sweetspot

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



ACAA60



E0E0C3



AC6063



70705E



F0F0F0



707070

Same Dimension

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



ACAA60



E0DD69



89AC60



57564E



969200



171600

Inverse Universe

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



6062AC



696DE0



8360AC



4E4E57



000496



000117

Previews

White Background



This preview shows how the Hex color ACAA60 looks on a white background.

Color Contrast Check

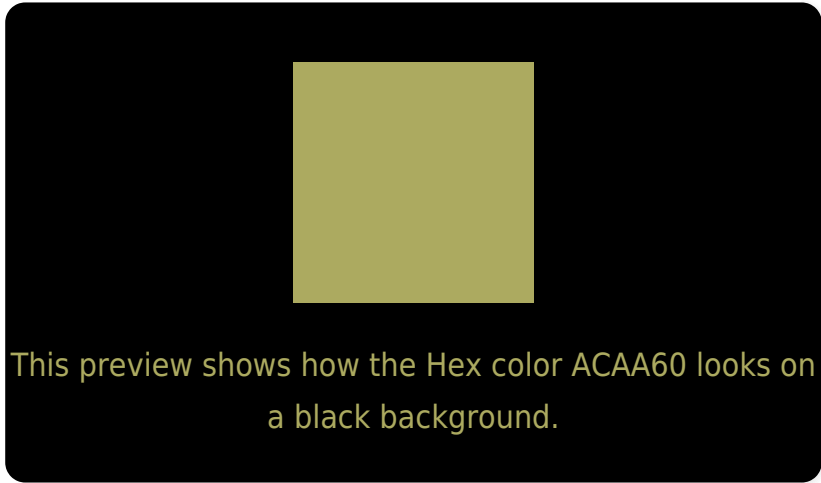
Large Text (above 18pt) WCAG AA × Fail

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

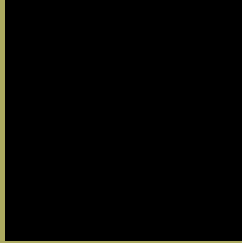
Any Text WCAG AA ✓ Pass

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 ACAA60 Background



This preview shows how black text looks on a background with the Hex color ACAA60.

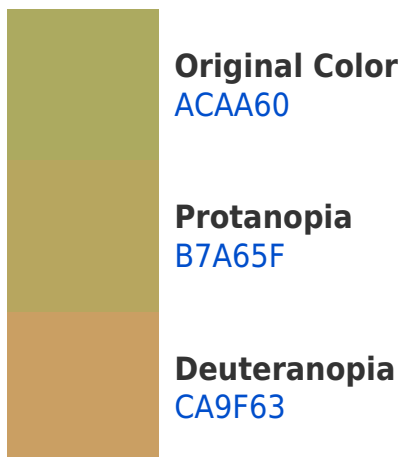


This preview shows how white text looks on a background with the Hex color ACAA60.

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](#).

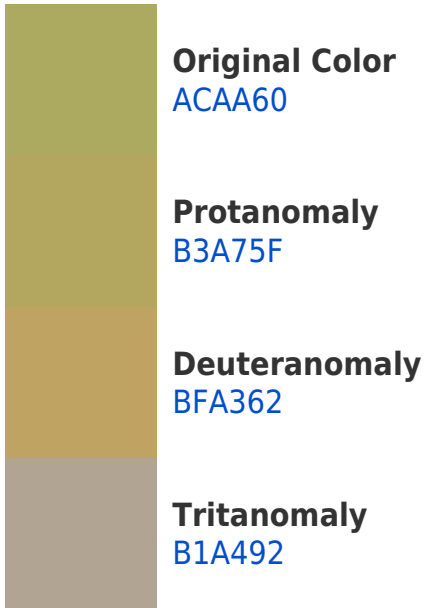
Dichromacy





Tritanopia
B4A1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex ACAA60 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 #ACAA60 looks like.

```
.text, #text, p{  
    color:#ACAA60  
}
```

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 #ACAA60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACAA60
}
```

Border

The CSS property to change the border of an element to Hex ACAA60 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
#ACAA60 }
```

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

```
.border{ border-color:#ACAA60 }
```

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

Here you see how a box with a 4 pixel #ACAA60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACAA60; -webkit-box-shadow:4px 4px  
4px 4px #ACAA60; box-shadow:4px 4px 4px  
4px #ACAA60 }
```

Background

The CSS property to change the background color of an element to Hex ACAA60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACAA60 }
```

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

```
.background{ background-color:#ACAA60 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor