

Converting Colors

Hex(ACA986)

Have a look what the booklet for
Hex(ACA986) contains.

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Color

Hex(ACA986)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | ACA986 |
| RGB | 172, 169, 134 |
| RGB Percent | 67%, 66%, 53% |
| CMY | 0.3255, 0.3373, 0.4745 |
| CMYK | 0.00, 0.02, 0.22, 0.33 |
| HSL | 55°, 19%, 60% |
| HSV | 55°, 22%, 67% |
| XYZ | 35.5043, 38.8678, 28.1852 |
| YIQ | 165.9070, 13.0230, -10.2490 |

Conversions

Conversions Part 2

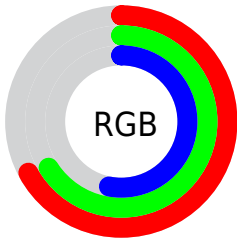
| Format | Color |
|-------------------------------------|--------------------------------------------|
| RYB | 137, 172, 134 |
| Decimal | 11315590 |
| CIELab | 68.66, -4.80, 18.49 |
| CIElCh | 69, 19.107, 104.545 |
| Yxy | 38.8678, 0.3462, 0.3790 |
| Android (android.graphics.Color) | 4289505670 (0xFFACA986) |
| YUV | 165.9070, -15.7302, 5.3436 |
| Hunter-Lab | 62.3441, -7.4482, 16.8363 |

Details

The Hex color **ACA986** is a light color, and the websafe version is hex **999966**. A complement of this color would be **8689AC**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **E4E0BB**, and **777554** is the 20% darker color. If you saturate the color by 10%, you get **ACA875**, and if you desaturate by 10%, it is **ACAA97**.

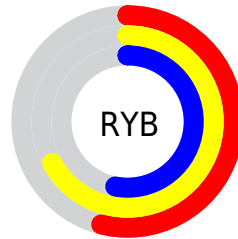
Distribution



Red (67%)

Green (66%)

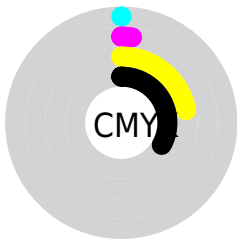
Blue (53%)



Red (54%)

Yellow (67%)

Blue (53%)

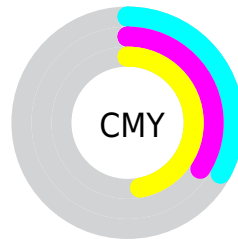


Cyan (0%)

Magenta (2%)

Yellow (22%)

Black (33%)



Cyan (33%)

Magenta (34%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Hex color ACA986 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 ACA986 by changing the saturation by 10% instead.

 ACA986

 ACA986

FFFFFF

 918F6D

 E4E0BB

 777554

 FFFDD7

 5E5C3D

 FFFFF4

 464527

 2F2F12

 1B1A00

 000000

 ACA986

 ACA986

 ACA875

 ACAA97

■ ACA664

■ ACACA8

■ ACA552

■ ACADBA

■ ACA441

■ ACAECB

■ ACA230

■ ACB0DC

■ ACA11F

■ ACB1ED

■ AC9F0E

■ ACB3FE

■ AC9E00

■ ACB4FF

■ ACB5FF

Harmonies

Analogous

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



BDA387



ACA986



98AE8E

Triad

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



ACA986



7AB0BF



C59CB1

Complementary

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



ACA986



8689AC

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.



B5A0C0



ACA986



89ACC8

Square

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



ACA986



7AB1AF



9FA6C9



CB9BA0

Rectangle

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



ACA986



8CB098



9FA6C9



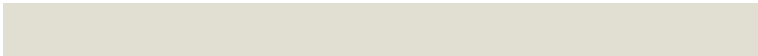
C09DB7

Sweetspot

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



ACA986



E0DFD1



AC8689



706F67



F0F0F0



707070

Same Dimension

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



ACA986



E0DCA4



9CAC86



57564E



968B00



171500

Inverse Universe

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



8689AC



A4A9E0



9686AC



4E4F57



000C96



000217

Previews

White Background



This preview shows how the Hex color ACA986 looks on a white background.

Color Contrast Check

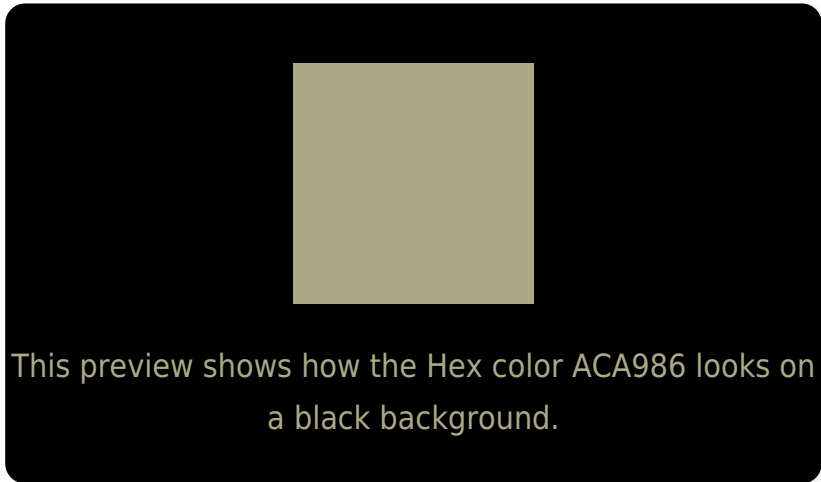
Large Text (above 18pt) WCAG AA × Fail

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

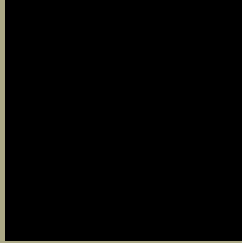
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

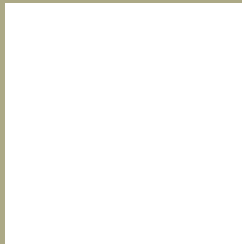
Any Text WCAG AAA ✓ Pass

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

Hex ACA986 Background



This preview shows how black text looks on a background with the Hex color ACA986.

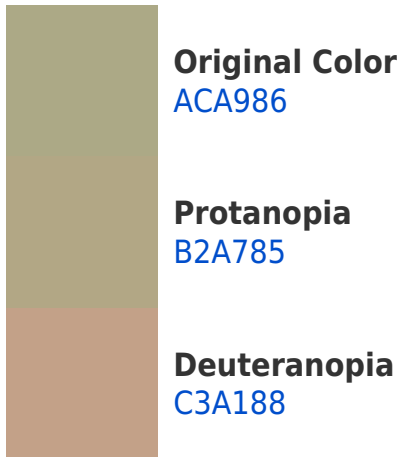


This preview shows how white text looks on a background with the Hex color ACA986.

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
B1A3B0

Trichromacy



Original Color
ACA986

Protanomaly
B0A885

Deuteranomaly
BBA487

Tritanomaly
AFA5A1

Monochromacy



Original Color
ACA986

Achromatopsia
A6A6A6

Achromatomaly
A8A79A

CSS Examples

Text

The CSS property to change the color of the text to Hex ACA986 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 #ACA986 looks like.

```
.text, #text, p{  
    color:#ACA986  
}
```

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 #ACA986 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACA986
}
```

Border

The CSS property to change the border of an element to Hex ACA986 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
#ACA986 }
```

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

```
.border{ border-color:#ACA986 }
```

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

Here you see how a box with a 4 pixel #ACA986 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACA986; -webkit-box-shadow:4px 4px  
4px 4px #ACA986; box-shadow:4px 4px 4px  
4px #ACA986 }
```

Background

The CSS property to change the background color of an element to Hex ACA986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACA986 }
```

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

```
.background{ background-color:#ACA986 }
```

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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