

Converting Colors

Hex(ACA296)

Have a look what the booklet for
Hex(ACA296) contains.

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Color

Hex(ACA296)

Conversions

Conversions Part 1

Format	Color
Hex	ACA296
RGB	172, 162, 150
RGB Percent	67%, 64%, 59%
CMY	0.3255, 0.3647, 0.4118
CMYK	0.00, 0.06, 0.13, 0.33
HSL	33°, 12%, 63%
HSV	33°, 13%, 67%
XYZ	35.4386, 36.8133, 34.0920
YIQ	163.6220, 9.8120, -1.6120

Conversions

Conversions Part 2

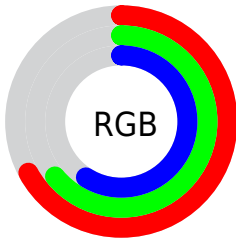
Format	Color
RYB	168, 172, 150
Decimal	11313814
CIELab	67.14, 1.53, 7.53
CIElCh	67, 7.683, 78.551
Yxy	36.8133, 0.3332, 0.3462
Android (android.graphics.Color)	4289503894 (0xFFACA296)
YUV	163.6220, -6.7156, 7.3475
Hunter-Lab	60.6740, -1.9208, 9.1574

Details

The Hex color **ACA296** is a light color, and the websafe version is hex **999999**. A complement of this color would be **96A0AC**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **E3D9CC**, and **786E63** is the 20% darker color. If you saturate the color by 10%, you get **AC9A85**, and if you desaturate by 10%, it is **ACAAA7**.

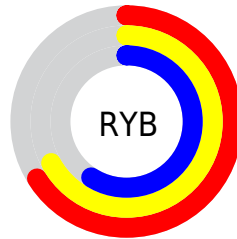
Distribution



Red (67%)

Green (64%)

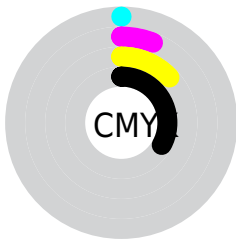
Blue (59%)



Red (66%)

Yellow (67%)

Blue (59%)

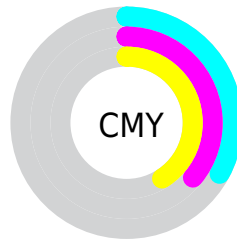


Cyan (0%)

Magenta (6%)

Yellow (13%)

Black (33%)



Cyan (33%)

Magenta (36%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color ACA296 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 ACA296 by changing the saturation by 10% instead.

■ ACA296

■ ACA296

FFFFFF

■ 91887C

■ E3D9CC

■ 786E63

■ FFF5E8

■ 5F564B

■ 473F35

■ 302920

■ 1C1508

■ 000000

■ ACA296

■ ACA296

■ AC9A85

■ ACAA7

 AC9274

 ACB2B8

 AC8B62

 ACB9CA

 AC8351

 ACC1DB

 AC7B40

 ACC9EC

 AC732F

 ACD1FD

 AC6B1E

 ACD9FF

 AC630C

 ACE1FF

 AC5E00

 ACE8FF

Harmonies

Analogous

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



B1A099



ACA296



A5A496

Triad

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



ACA296



93A8A7



AAA0AD

Complementary

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



ACA296



96A0AC

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.



A2A3B0



ACA296



94A7AD

Square

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



ACA296



96A7A0



99A5B1



B09FA6

Rectangle

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



ACA296



9FA698



99A5B1



A7A1AE

Sweetspot

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



ACA296



E0DCD7



AC96A0



706E6B



F0F0F0



707070

Same Dimension

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



ACA296



E0D1BF



ABAC96



57534E



965200



170D00

Inverse Universe

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



96A0AC



BFCEE0



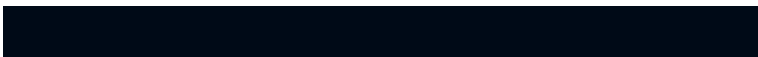
9796AC



4E5257



004496



000A17

Previews

White Background



This preview shows how the Hex color ACA296 looks on a white background.

Color Contrast Check

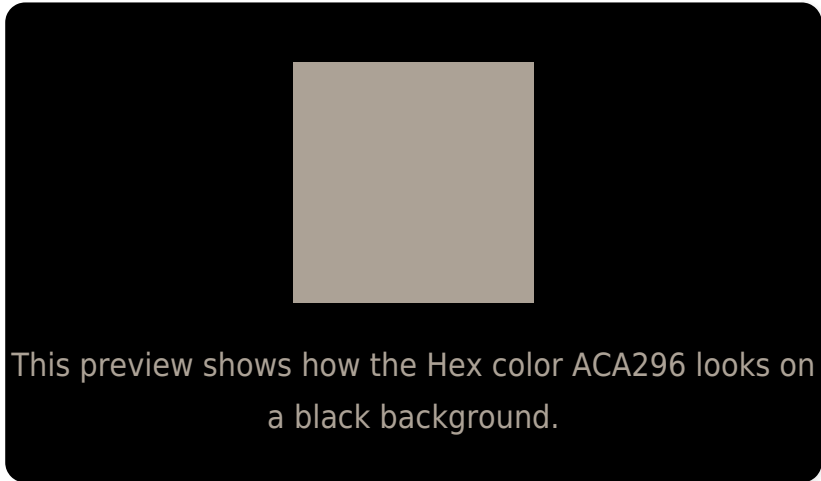
Large Text (above 18pt) WCAG AA × Fail

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

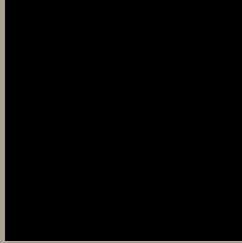
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

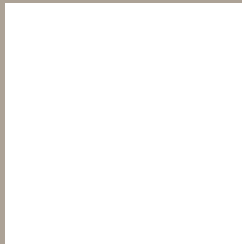
Any Text WCAG AAA ✓ Pass

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

Hex ACA296 Background



This preview shows how black text looks on a background with the Hex color ACA296.

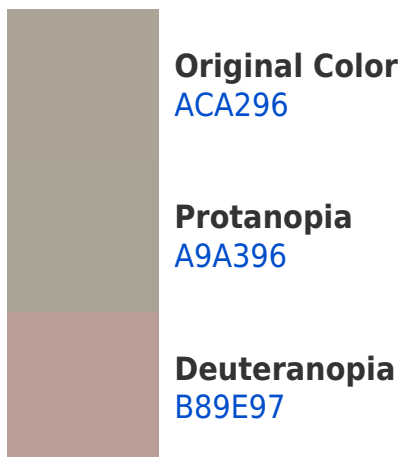


This preview shows how white text looks on a background with the Hex color ACA296.

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
AF9FAB

Trichromacy



Original Color
ACA296

Protanomaly
AAA396

Deuteranomaly
B49F97

Tritanomaly
AEA0A3

Monochromacy



Original Color
ACA296

Achromatopsia
A4A4A4

Achromatomaly
A7A39F

CSS Examples

Text

The CSS property to change the color of the text to Hex ACA296 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 #ACA296 looks like.

```
.text, #text, p{  
    color:#ACA296  
}
```

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 #ACA296 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACA296
}
```

Border

The CSS property to change the border of an element to Hex ACA296 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
#ACA296 }
```

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

```
.border{ border-color:#ACA296 }
```

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

Here you see how a box with a 4 pixel #ACA296 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACA296; -webkit-box-shadow:4px 4px  
4px 4px #ACA296; box-shadow:4px 4px 4px  
4px #ACA296 }
```

Background

The CSS property to change the background color of an element to Hex ACA296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACA296 }
```

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

```
.background{ background-color:#ACA296 }
```

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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