

# Converting Colors

Hex(ACA095)

Have a look what the booklet for  
Hex(ACA095) contains.

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# **Color**

**Hex(ACA095)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ACA095
RGB	172, 160, 149
RGB Percent	67%, 63%, 58%
CMY	0.3255, 0.3725, 0.4157
CMYK	0.00, 0.07, 0.13, 0.33
HSL	29°, 12%, 63%
HSV	29°, 13%, 67%
XYZ	35.0089, 36.0822, 33.5532
YIQ	162.3340, 10.6830, -0.8770

# Conversions

## Conversions Part 2

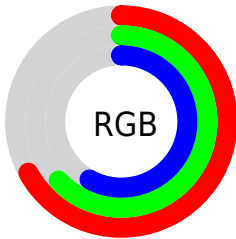
<b>Format</b>	<b>Color</b>
<b>RYB</b>	172, 170, 149
Decimal	11313301
CIELab	66.58, 2.45, 7.29
CIELCh	67, 7.696, 71.415
Yxy	36.0822, 0.3346, 0.3448
Android (android.graphics.Color)	4289503381 (0xFFACA095)
YUV	162.3340, -6.5737, 8.4771
Hunter-Lab	60.0685, -1.0871, 8.9296

# Details

The Hex color **ACA095** is a light color, and the websafe version is hex **999999**. A complement of this color would be **95A1AC**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **E3D7CB**, and **786D62** is the 20% darker color. If you saturate the color by 10%, you get **AC9784**, and if you desaturate by 10%, it is **ACA9A6**.

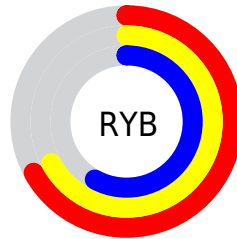
# Distribution



Red (67%)

Green (63%)

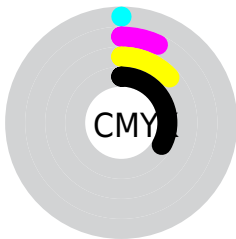
Blue (58%)



Red (67%)

Yellow (67%)

Blue (58%)

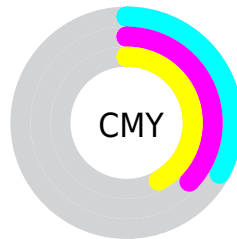


Cyan (0%)

Magenta (7%)

Yellow (13%)

Black (33%)



Cyan (33%)

Magenta (37%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ACA095 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 ACA095 by changing the saturation by 10% instead.





ACA095



ACA095

FFFFFF



91867B



E3D7CB



786D62



FFF3E7



5F544B



473D34



30271F



1C1306



000000



ACA095



ACA095



AC9784



ACA9A6

 AC8E73

 ACB2B7

 AC8561

 ACBBC9

 AC7C50

 ACC4DA

 AC733F

 ACCDEB

 AC6A2E

 ACD6FC

 AC611D

 ACDFFF

 AC580B

 ACE8FF

 AC5200

 ACF1FF

# Harmonies

## Analogous

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



B09E99



ACA095



A5A294

# Triad

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



ACA095



92A6A4



A79FAC

# Complementary

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



ACA095



95A1AC

# 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.



9EA2AF



ACA095



92A5AB

# Square

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



ACA095



96A69D



96A4AF



AD9EA6

# Rectangle

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



ACA095



A0A496



96A4AF



A4A0AE



# Sweetspot

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



ACA095



E0DCD7



AC95A1



706D6B



F0F0F0



707070



# Same Dimension

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



ACA095



E0CEBC



ACAB95



57524E



964800



170B00



# Inverse Universe

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



95A1AC



BCCFE0



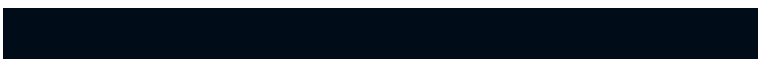
9596AC



4E5357



004E96



000C17



# Previews

## White Background



This preview shows how the Hex color ACA095 looks on a white background.

## Color Contrast Check

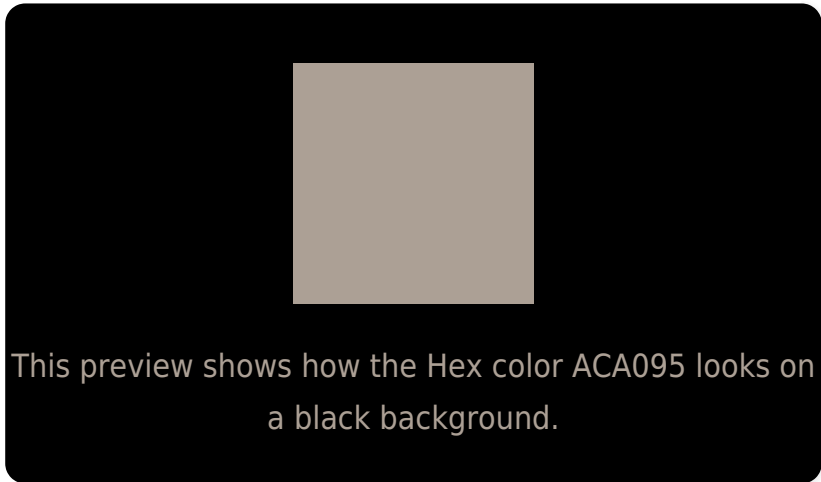
Large Text (above 18pt) WCAG AA × Fail

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

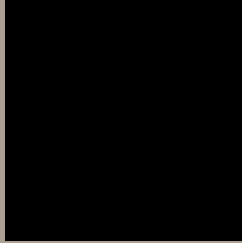
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex ACA095 Background



This preview shows how black text looks on a background with the Hex color ACA095.

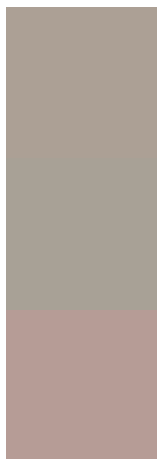


This preview shows how white text looks on a background with the Hex color ACA095.

# 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**

ACA095

**Protanopia**

A8A196

**Deuteranopia**

B69C96



**Tritanopia**  
AF9DA9

# Trichromacy



**Original Color**  
ACA095

**Protanomaly**  
A9A196

**Deuteranomaly**  
B29D96

**Tritanomaly**  
AE9EA2

# Monochromacy



**Original Color**  
ACA095

**Achromatopsia**  
A2A2A2

**Achromatomaly**  
A6A19D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ACA095 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 #ACA095 looks like.

```
.text, #text, p{  
    color:#ACA095  
}
```

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 #ACA095 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACA095
}
```

## Border

The CSS property to change the border of an element to Hex ACA095 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
#ACA095 }
```

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

```
.border{ border-color:#ACA095 }
```

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

Here you see how a box with a 4 pixel #ACA095 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACA095; -webkit-box-shadow:4px 4px  
4px 4px #ACA095; box-shadow:4px 4px 4px  
4px #ACA095 }
```

# Background

The CSS property to change the background color of an element to Hex ACA095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACA095 }
```

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

```
.background{ background-color:#ACA095 }
```

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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