

# Converting Colors

Hex(ACA190)

Have a look what the booklet for  
Hex(ACA190) contains.

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# **Color**

**Hex(ACA190)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	ACA190
RGB	172, 161, 144
RGB Percent	67%, 63%, 56%
CMY	0.3255, 0.3686, 0.4353
CMYK	0.00, 0.06, 0.16, 0.33
HSL	36°, 14%, 62%
HSV	36°, 16%, 67%
XYZ	34.7922, 36.2740, 31.5534
YIQ	162.3510, 12.0130, -2.9550

# Conversions

## Conversions Part 2

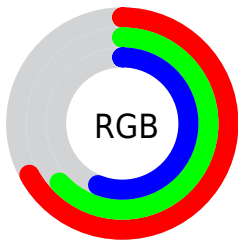
Format	Color
<a href="#">RYB</a>	<a href="#">162, 172, 144</a>
Decimal	<a href="#">11313552</a>
CIELab	<a href="#">66.73, 1.08, 10.29</a>
CIElCh	<a href="#">67, 10.342, 83.994</a>
Yxy	<a href="#">36.2740, 0.3390, 0.3535</a>
Android (android.graphics.Color)	<a href="#">4289503632 (0xFFACA190)</a>
YUV	<a href="#">162.3510, -9.0470, 8.4622</a>
Hunter-Lab	<a href="#">60.2279, -2.2838, 11.0975</a>

# Details

The Hex color **ACA190** is a light color, and the websafe version is hex **999999**. A complement of this color would be **909BAC**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **E4D8C6**, and **786E5E** is the 20% darker color. If you saturate the color by 10%, you get **AC9A7F**, and if you desaturate by 10%, it is **ACA8A1**.

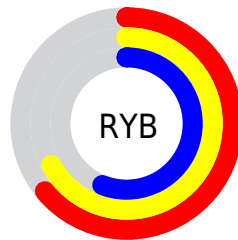
# Distribution



Red (67%)

Green (63%)

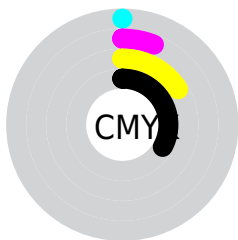
Blue (56%)



Red (64%)

Yellow (67%)

Blue (56%)

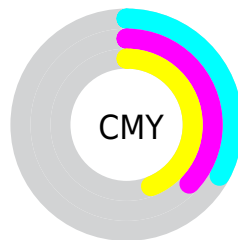


Cyan (0%)

Magenta (6%)

Yellow (16%)

Black (33%)



Cyan (33%)

Magenta (37%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ACA190 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 ACA190 by changing the saturation by 10% instead.



■ ACA190

■ ACA190

FFFFFF

■ 918776

■ E4D8C6

■ 786E5E

■ FFF4E2

■ 5F5546

FFFFFFE

■ 473E30

■ 30281B

■ 1C1400

■ 000000

■ ACA190

■ ACA190

■ AC9A7F

■ ACA8A1

 AC936E

 ACAFB2

 AC8D5C

 ACB5C4

 AC864B

 ACBCD5

 AC7F3A

 ACC3E6

 AC7829

 ACCAF7

 AC7218

 ACD0FF

 AC6B06

 ACD7FF

 AC6800

 ACDEFF

# Harmonies

## Analogous

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



B39E94



ACA190



A2A491

# Triad

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



ACA190



8BA8A9



AD9EAD

# Complementary

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



ACA190



909BAC

# 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.



A2A1B3



ACA190



8EA6B1

# Square

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



ACA190



8FA8A0



96A4B5



B49CA5

# Rectangle

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



ACA190



9BA695



96A4B5



A99FB0

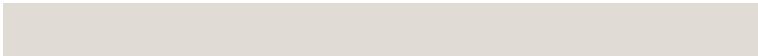


# Sweetspot

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



ACA190



E0DCD5



AC909B



706E69



F0F0F0



707070



# Same Dimension

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



ACA190



E0CFB4



A9AC90



57534E



965B00



170E00



# Inverse Universe

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



909BAC



B4C5E0



9390AC



4E5157



003B96

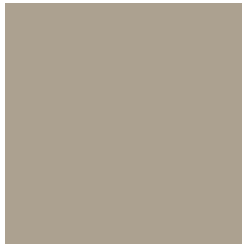


000917



# Previews

## White Background



This preview shows how the Hex color ACA190 looks on a white background.

## Color Contrast Check

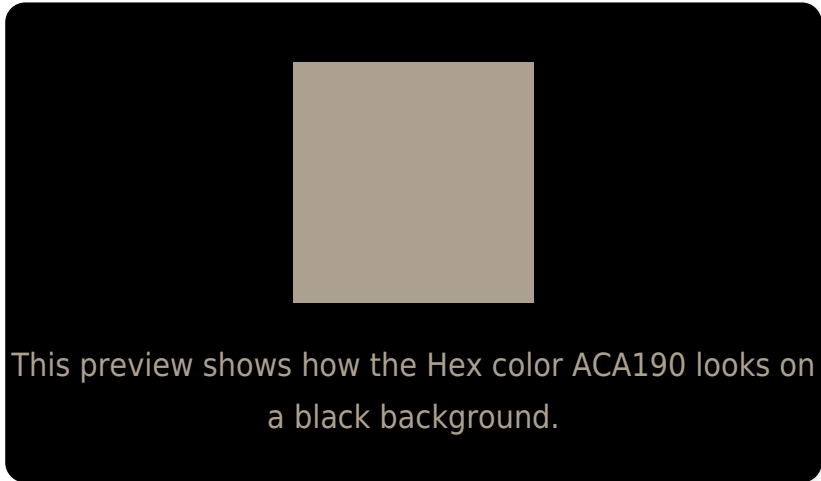
Large Text (above 18pt) WCAG AA × Fail

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

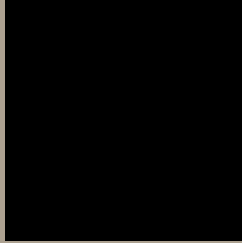
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

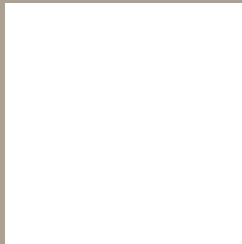
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex ACA190 Background



This preview shows how black text looks on a background with the Hex color ACA190.



This preview shows how white text looks on a background with the Hex color ACA190.

# 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**  
ACA190

**Protanopia**  
A9A290

**Deuteranopia**  
B89C91



**Tritanopia**  
AF9DAA

# Trichromacy



**Original Color**  
ACA190

**Protanomaly**  
AAA290

**Deuteranomaly**  
B49E91

**Tritanomaly**  
AE9EA1

# Monochromacy



**Original Color**  
ACA190

**Achromatopsia**  
A2A2A2

**Achromatomaly**  
A6A29B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ACA190 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 #ACA190 looks like.

```
.text, #text, p{  
    color:#ACA190  
}
```

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 #ACA190 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACA190
}
```

## Border

The CSS property to change the border of an element to Hex ACA190 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
#ACA190 }
```

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

```
.border{ border-color:#ACA190 }
```

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

Here you see how a box with a 4 pixel #ACA190 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACA190; -webkit-box-shadow:4px 4px  
4px 4px #ACA190; box-shadow:4px 4px 4px  
4px #ACA190 }
```

# Background

The CSS property to change the background color of an element to Hex ACA190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACA190 }
```

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

```
.background{ background-color:#ACA190 }
```

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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