

# Converting Colors

Hex(ACA EA4)

Have a look what the booklet for  
Hex(ACAEA4) contains.

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# **Color**

**Hex(ACA EA4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ACAEEA4
RGB	172, 174, 164
RGB Percent	67%, 68%, 64%
CMY	0.3255, 0.3176, 0.3569
CMYK	0.01, 0.00, 0.06, 0.32
HSL	72°, 6%, 66%
HSV	72°, 6%, 68%
XYZ	38.8501, 41.7231, 41.1277
YIQ	172.2620, 2.0180, -3.5340

# Conversions

## Conversions Part 2

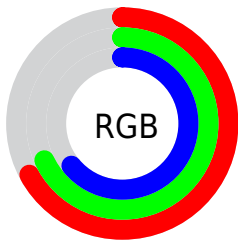
Format	Color
<a href="#">RYB</a>	<a href="#">164, 174, 166</a>
Decimal	<a href="#">11316900</a>
CIELab	<a href="#">70.68, -2.55, 4.87</a>
CIELCh	<a href="#">71, 5.501, 117.615</a>
Yxy	<a href="#">41.7231, 0.3192, 0.3428</a>
Android (android.graphics.Color)	<a href="#">4289506980 (0xFFACAEA4)</a>
YUV	<a href="#">172.2620, -4.0732, -0.2298</a>
Hunter-Lab	<a href="#">64.5934, -5.6784, 7.4645</a>

# Details

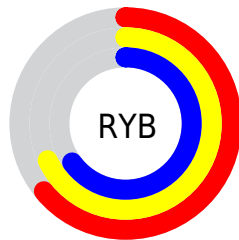
The Hex color **ACAEA4** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A6A4AE**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **E3E5DB**, and **787A70** is the 20% darker color. If you saturate the color by 10%, you get **A9AE93**, and if you desaturate by 10%, it is **AFAEB5**.

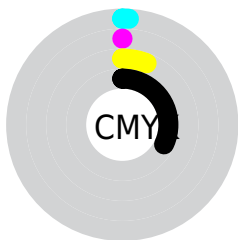
# Distribution



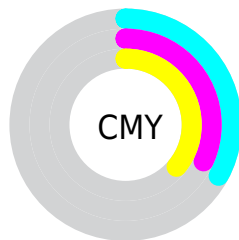
- Red (67%)
- Green (68%)
- Blue (64%)



- Red (64%)
- Yellow (68%)
- Blue (65%)



- Cyan (1%)
- Magenta (0%)
- Yellow (6%)
- Black (32%)



- Cyan (33%)
- Magenta (32%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ACAEA4 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 ACAEA4 by changing the saturation by 10% instead.





ACAEA4



ACAEA4

FFFFFF



91938A



E3E5DB



787A70



FFFFF7



5F6158



474941



31332B



1C1E16



000400



000000



ACAEA4



ACAEA4

 A9AE93

 AFAEB5

 A5AE81

 B3AEC7

 A2AE70

 B6AED8

 9EAE5E

 BAAEEA

 9BAE4D

 BDAEFB

 97AE3C

 C1AEFF

 94AE2A

 C4AEFF

 90AE19

 C8AEFF

 8DAE07

 CBAEFF

# Harmonies

## Analogous

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



B2ACA3



ACAEA4



A6AFA7

# Triad

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



ACAEE4



A3AFB5



B7AAD

# Complementary

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



ACAEA4



A6A4AE

# 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.



B3AAB2



ACAEA4



A7ADB7

# Square

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



ACA EA4



A1B0B1



AEACB6



B8AAA8

# Rectangle

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



ACAEA4



A3B0AB



AEACB6



B6AAAF



# Sweetspot

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



ACAEA4



E2E3DE



AEA6A4



727370



F2F2F2



737373



# Same Dimension

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



ACA EA4



E0E3D3



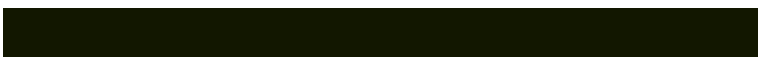
A7A EA4



555750



789600



121700



# Inverse Universe

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



A6A4AE



D6D3E3



ABA4AE



515057



1E0096



050017



# Previews

## White Background



This preview shows how the Hex color ACAEA4 looks on a white background.

## Color Contrast Check

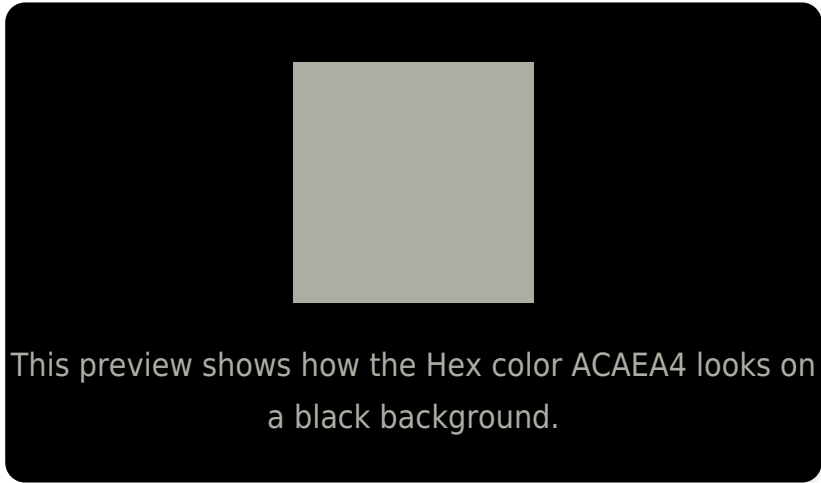
Large Text (above 18pt) WCAG AA × Fail

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

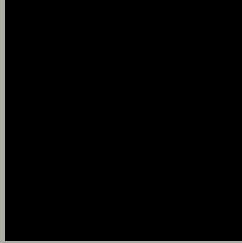
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

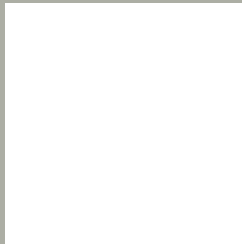
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex ACAEA4 Background



This preview shows how black text looks on a background with the Hex color ACAEA4.



This preview shows how white text looks on a background with the Hex color ACAEA4.

# 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





# Trichromacy



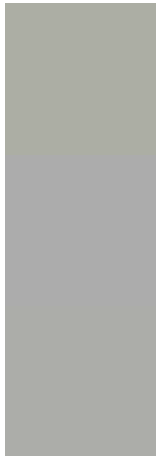
**Original Color**  
ACAEA4

**Protanomaly**  
B0ADA3

**Deuteranomaly**  
B9AAA5

**Tritanomaly**  
AEACB1

# Monochromacy



**Original Color**  
ACAEA4

**Achromatopsia**  
ACACAC

**Achromatomaly**  
ACADA9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ACAEA4 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 #ACAEA4 looks like.

```
.text, #text, p{  
    color:#ACAEA4  
}
```

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 #ACAEE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACAEE4
}
```

## Border

The CSS property to change the border of an element to Hex ACAEE4 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
#ACAEE4 }
```

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

```
.border{ border-color:#ACAEA4 }
```

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

Here you see how a box with a 4 pixel #ACAEA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACAEA4; -webkit-box-shadow:4px 4px  
4px 4px #ACAEA4; box-shadow:4px 4px 4px  
4px #ACAEA4 }
```

# Background

The CSS property to change the background color of an element to Hex ACAEA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACAEA4 }
```

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

```
.background{ background-color:#ACAEA4 }
```

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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