

# Converting Colors

Hex(ACCAA7)

Have a look what the booklet for  
Hex(ACCAA7) contains.

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# **Color**

**Hex(ACCAA7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ACCAA7
RGB	172, 202, 167
RGB Percent	67%, 79%, 65%
CMY	0.3255, 0.2078, 0.3451
CMYK	0.15, 0.00, 0.17, 0.21
HSL	111°, 25%, 72%
HSV	111°, 17%, 79%
XYZ	45.1088, 53.8017, 44.5665
YIQ	189.0400, -6.6450, -17.2450

# Conversions

## Conversions Part 2

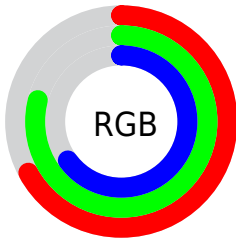
<b>Format</b>	<b>Color</b>
<b>RYB</b>	167, 202, 197
Decimal	11324071
CIELab	78.35, -16.65, 14.17
CIELCh	78, 21.865, 139.603
Yxy	53.8017, 0.3144, 0.3750
Android (android.graphics.Color)	4289514151 (0xFFACCAA7)
YUV	189.0400, -10.8657, -14.9441
Hunter-Lab	73.3497, -18.5874, 15.3208

# Details

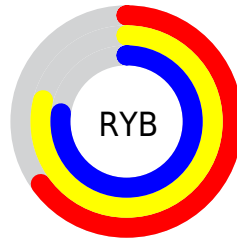
The Hex color **ACCAA7** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C5A7CA**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **E4FFDE**, and **779473** is the 20% darker color. If you saturate the color by 10%, you get **9BCA93**, and if you desaturate by 10%, it is **BDCABB**.

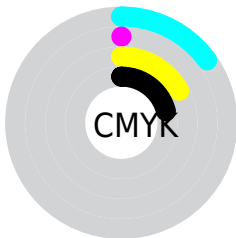
# Distribution



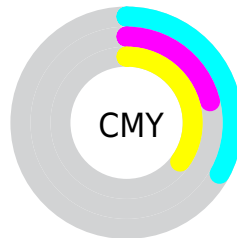
- Red (67%)
- Green (79%)
- Blue (65%)



- Red (65%)
- Yellow (79%)
- Blue (77%)



- Cyan (15%)
- Magenta (0%)
- Yellow (17%)
- Black (21%)



- Cyan (33%)
- Magenta (21%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ACCAA7 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 ACCAA7 by changing the saturation by 10% instead.



 ACCAA7

 ACCAA7

FFFFFF

 91AF8D

 E4FFDE

 779473

 FFFFFB

 5E7A5A

 466143

 2F492C

 193217

 031E00

 000000

 ACCAA7

 ACCAA7

 9BCA93

 BDCABB

 89CA7F

 CFCACF

 78CA6A

 E0CAE4

 67CA56

 F1CAF8

 55CA42

 FFCAFF

 44CA2E

 33CA1A

 21CA05

 1DCA00

# Harmonies

## Analogous

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



C3C59B



ACCAA7



97CDBA

# Triad

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



ACCAA7



A1C6E9



ECB4B5

# Complementary

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



ACCAA7



C5A7CA

# 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.



E6B4CA



ACCAA7



BCBFE8

# Square

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



ACCAA7



8ECBE0



D5B8DC



E7B8A4

# Rectangle

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



ACCAA7



8DCEC8



D5B8DC



ECB3BC

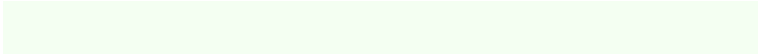


# Sweetspot

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



ACCAA7



F4FFF2



CAC5A7



798078



000000



808080

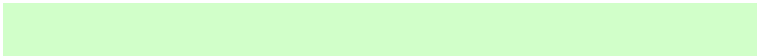


# Same Dimension

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



ACCAA7



D1FFC9



A7CAB3



5D665C



18A600



052600



# Inverse Universe

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



C5A7CA



F7C9FF



CAA7BE



655C66



8E00A6

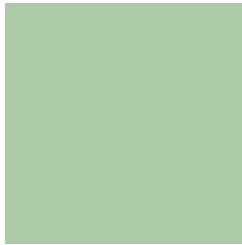


210026



# Previews

## White Background



This preview shows how the Hex color ACCAA7 looks on a white background.

## Color Contrast Check

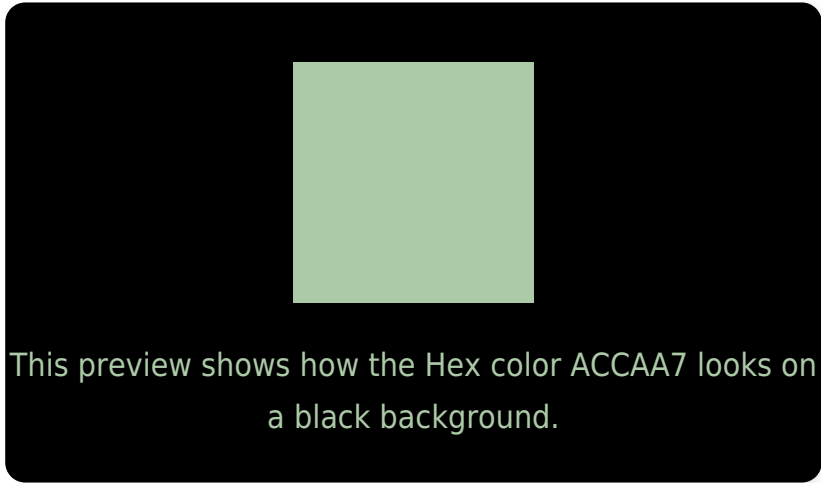
Large Text (above 18pt) WCAG AA × Fail

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

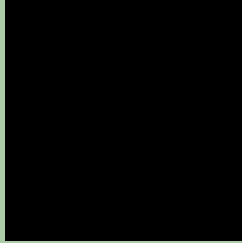
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex ACCAA7 Background



This preview shows how black text looks on a background with the Hex color ACCAA7.

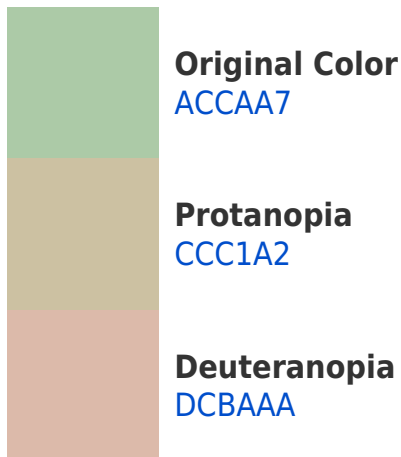


This preview shows how white text looks on a background with the Hex color ACCAA7.

# 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](#).

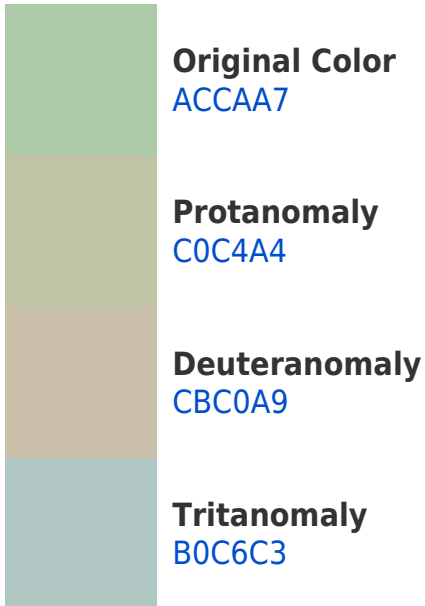
## Dichromacy



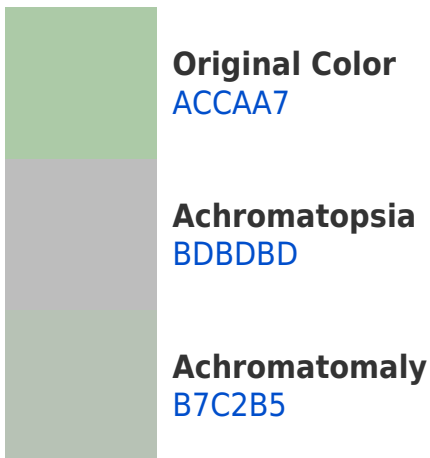


**Tritanopia**  
B3C4D3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ACCAA7 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 #ACCAA7 looks like.

```
.text, #text, p{  
    color:#ACCAA7  
}
```

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 #ACCAA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACCAA7  
}
```

## Border

The CSS property to change the border of an element to Hex ACCAA7 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  
#ACCAA7 }
```

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

```
.border{ border-color:#ACCAA7 }
```

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

Here you see how a box with a 4 pixel `#ACCAA7` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACCAA7; -webkit-box-shadow:4px 4px  
4px 4px #ACCAA7; box-shadow:4px 4px 4px  
4px #ACCAA7 }
```

# Background

The CSS property to change the background color of an element to Hex ACCAA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACCAA7 }
```

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

```
.background{ background-color:#ACCAA7 }
```

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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