

# Converting Colors

Hex(ACCA8E)

Have a look what the booklet for  
Hex(ACCA8E) contains.

<b>Hex(ACCA8E)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(ACCA8E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	ACCA8E
RGB	172, 202, 142
RGB Percent	67%, 79%, 56%
CMY	0.3255, 0.2078, 0.4431
CMYK	0.15, 0.00, 0.30, 0.21
HSL	90°, 36%, 67%
HSV	90°, 30%, 79%
XYZ	43.0163, 52.9647, 33.5472
YIQ	186.1900, 1.3800, -25.0200

# Conversions

## Conversions Part 2

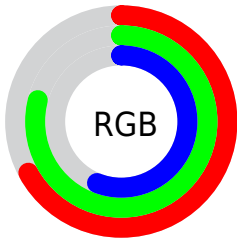
<b>Format</b>	<b>Color</b>
<b>RYB</b>	142, 202, 172
Decimal	11324046
CIELab	77.85, -20.66, 26.74
CIELCh	78, 33.788, 127.693
Yxy	52.9647, 0.3321, 0.4089
Android (android.graphics.Color)	4289514126 (0xFFACCA8E)
YUV	186.1900, -21.7857, -12.4446
Hunter-Lab	72.7769, -21.8534, 23.6135

# Details

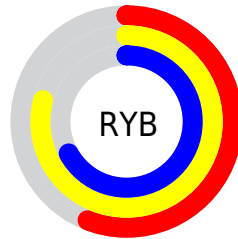
The Hex color **ACCA8E** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **AC8ECA**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **E4FFC4**, and **77945B** is the 20% darker color. If you saturate the color by 10%, you get **A2CA7A**, and if you desaturate by 10%, it is **B6CAA2**.

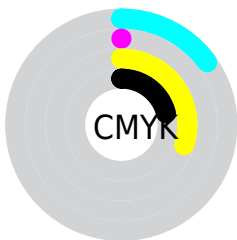
# Distribution



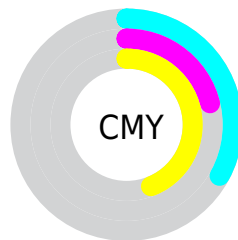
- Red (67%)
- Green (79%)
- Blue (56%)



- Red (56%)
- Yellow (79%)
- Blue (67%)



- Cyan (15%)
- Magenta (0%)
- Yellow (30%)
- Black (21%)



- Cyan (33%)
- Magenta (21%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ACCA8E 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 ACCA8E by changing the saturation by 10% instead.



 ACCA8E

 ACCA8E

FFFFFF

 91AF74

 E4FFC4

 77945B

 FFFFEO

 5E7A43

FFFFFFD

 45612C

 2D4916

 173200

 001E00

 000000

 ACCA8E

 ACCA8E

 A2CA7A

 B6CAA2

 98CA66

 C0CAB6

 8ECA51

 CACACB

 84CA3D

 D4CADF

 7ACA29

 DFCAF3

 6FCA15

 E9CAFF

 65CA01

 F3CAFF

 65CA00

 FDCAFF

 FFCAFF

# Harmonies

## Analogous

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



CEC182



ACCA8E



87D0A8

# Triad

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



ACCA8E



75CAFA



FEA9B9

# Complementary

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



ACCA8E



AC8ECA

# 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.



EFACD9



ACCA8E



A3C1FE

# Square

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



ACCA8E



5AD0E6



CFB6F2



FCAD9C

# Rectangle

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



ACCA8E



70D2BD



CFB6F2



FBA9C4



# Sweetspot

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



ACCA8E



F4FFE8



CAAC8E



788071



000000



808080

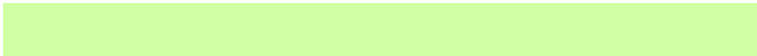


# Same Dimension

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



ACCA8E



D1FFA3



8FCA8E



61665C



53A600



132600



# Inverse Universe

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



AC8ECA



D1A3FF



CA8ECA



615C66



5300A6



130026



# Previews

## White Background



This preview shows how the Hex color ACCA8E looks on a white background.

## Color Contrast Check

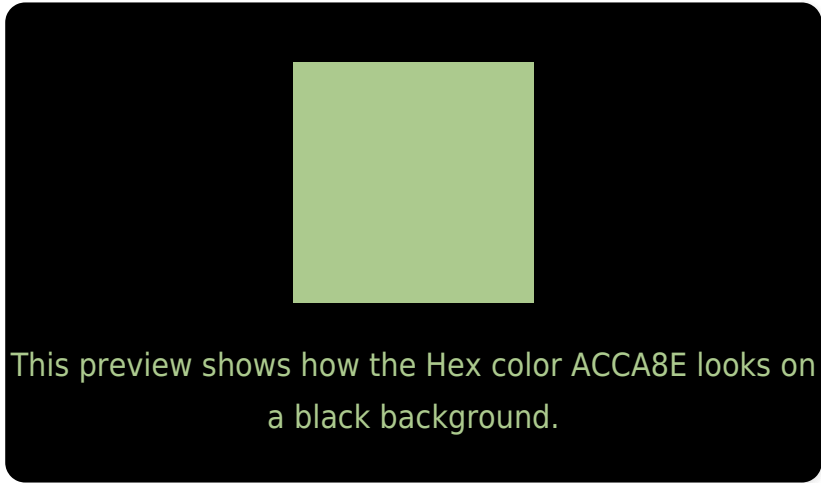
Large Text (above 18pt) WCAG AA × Fail

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

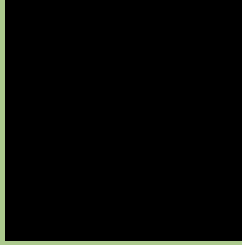
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex ACCA8E Background



This preview shows how black text looks on a background with the Hex color ACCA8E.

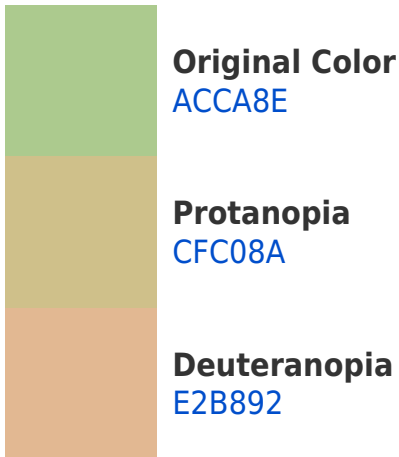


This preview shows how white text looks on a background with the Hex color ACCA8E.

# 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](#).

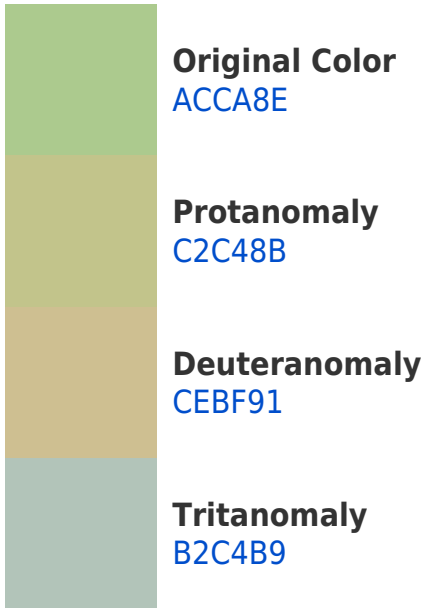
## Dichromacy



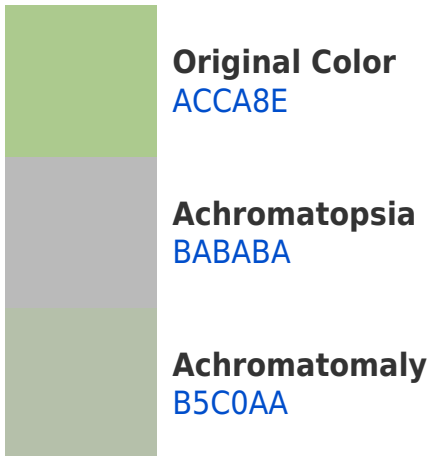


**Tritanopia**  
B6C1D1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ACCA8E 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 #ACCA8E looks like.

```
.text, #text, p{  
    color:#ACCA8E  
}
```

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 #ACCA8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACCA8E
}
```

## Border

The CSS property to change the border of an element to Hex ACCA8E 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
#ACCA8E }
```

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

```
.border{ border-color:#ACCA8E }
```

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

Here you see how a box with a 4 pixel #ACCA8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACCA8E; -webkit-box-shadow:4px 4px  
4px 4px #ACCA8E; box-shadow:4px 4px 4px  
4px #ACCA8E }
```

# Background

The CSS property to change the background color of an element to Hex ACCA8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACCA8E }
```

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

```
.background{ background-color:#ACCA8E }
```

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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