

# Converting Colors

Hex(ACC89D)

Have a look what the booklet for  
Hex(ACC89D) contains.

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# **Color**

**Hex(ACC89D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ACC89D
RGB	172, 200, 157
RGB Percent	67%, 78%, 62%
CMY	0.3255, 0.2157, 0.3843
CMYK	0.14, 0.00, 0.21, 0.22
HSL	99°, 28%, 70%
HSV	99°, 21%, 78%
XYZ	43.7533, 52.5135, 39.7284
YIQ	186.7260, -2.8850, -19.3090

# Conversions

## Conversions Part 2

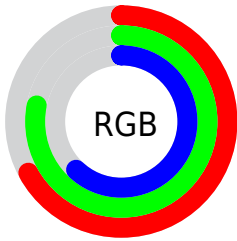
Format	Color
<a href="#">RYB</a>	<a href="#">157, 200, 185</a>
Decimal	<a href="#">11323549</a>
CIELab	<a href="#">77.59, -17.33, 18.44</a>
CIELCh	<a href="#">78, 25.304, 133.213</a>
Yxy	<a href="#">52.5135, 0.3217, 0.3861</a>
Android (android.graphics.Color)	<a href="#">4289513629 (0xFFACC89D)</a>
YUV	<a href="#">186.7260, -14.6549, -12.9147</a>
Hunter-Lab	<a href="#">72.4662, -19.0419, 18.2216</a>

# Details

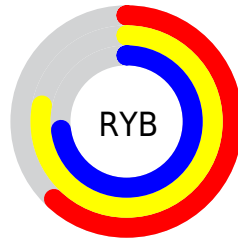
The Hex color **ACC89D** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B99DC8**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **E4FFD4**, and **77926A** is the 20% darker color. If you saturate the color by 10%, you get **9FC889**, and if you desaturate by 10%, it is **B9C8B1**.

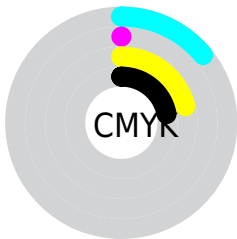
# Distribution



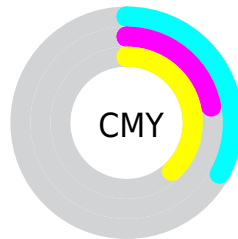
- Red (67%)
- Green (78%)
- Blue (62%)



- Red (62%)
- Yellow (78%)
- Blue (73%)



- Cyan (14%)
- Magenta (0%)
- Yellow (21%)
- Black (22%)



- Cyan (33%)
- Magenta (22%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ACC89D 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 ACC89D by changing the saturation by 10% instead.



 ACC89D

 ACC89D

FFFFFFF

 91AD83

 E4FFD4

 77926A

 FFFFF0

 5E7851

 465F3A

 2F4824

 19310F

 001D00

 000000

 ACC89D

 ACC89D

 9FC889

 B9C8B1

 92C875

 C6C8C5

 85C861

 D3C8D9

 78C84D

 E0C8ED

 6BC839

 EDC8FF

 5EC825

 FAC8FF

 51C811

 FFC8FF

 46C800

# Harmonies

## Analogous

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



C7C292



ACC89D



92CCB1

# Triad

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



ACC89D



93C6EC



F0AFB6

# Complementary

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



ACC89D



B99DC8

# 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.



E6B0CE



ACC89D



B2BEED

# Square

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



ACC89D



7FCBDF



D0B6E2



ECB3A1

# Rectangle

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



ACC89D



84CDC1



D0B6E2



EEAFBE



# Sweetspot

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



ACC89D



F5FFF0



C8B99D



7A8077



000000



808080

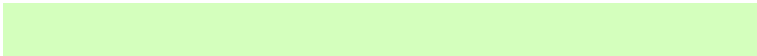


# Same Dimension

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



ACC89D



D4FFBD



9DC8A3



5D635A



39A300



0C2400



# Inverse Universe

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



B99DC8



E8BDFE



C89DC2



605A63



6A00A3

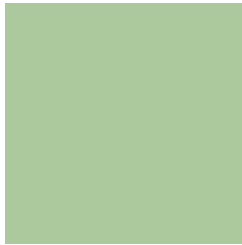


170024



# Previews

## White Background



This preview shows how the Hex color ACC89D looks on a white background.

## Color Contrast Check

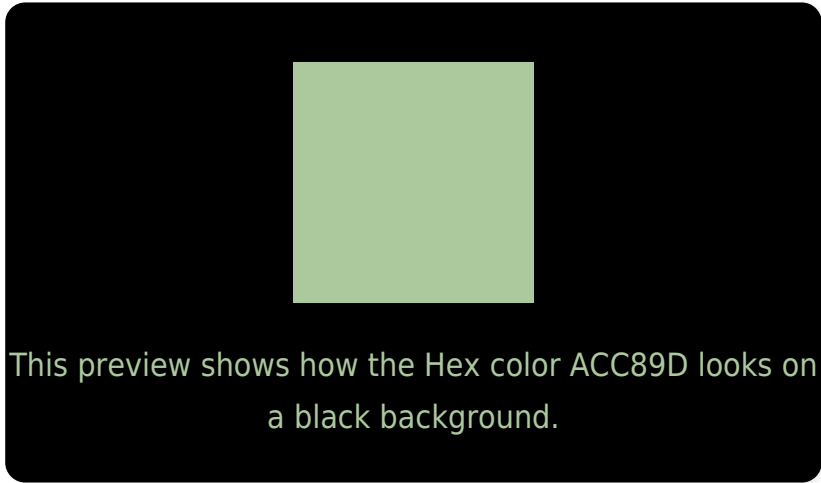
Large Text (above 18pt) WCAG AA × Fail

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

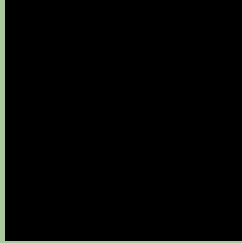
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex ACC89D Background



This preview shows how black text looks on a background with the Hex color ACC89D.

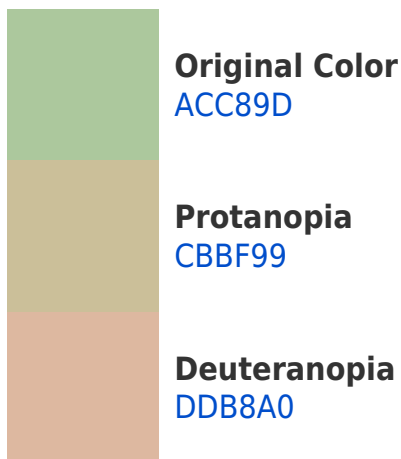


This preview shows how white text looks on a background with the Hex color ACC89D.

# 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](#).

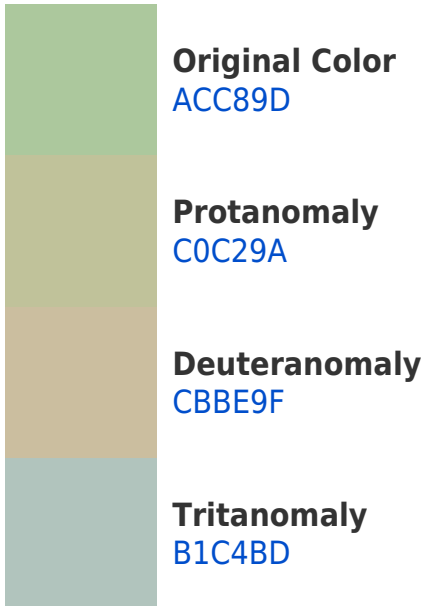
## Dichromacy





**Tritanopia**  
B4C1D0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ACC89D 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 #ACC89D looks like.

```
.text, #text, p{  
    color:#ACC89D  
}
```

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 #ACC89D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACC89D
}
```

## Border

The CSS property to change the border of an element to Hex ACC89D 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
#ACC89D }
```

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

```
.border{ border-color:#ACC89D }
```

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

Here you see how a box with a 4 pixel #ACC89D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACC89D; -webkit-box-shadow:4px 4px  
4px 4px #ACC89D; box-shadow:4px 4px 4px  
4px #ACC89D }
```

# Background

The CSS property to change the background color of an element to Hex ACC89D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACC89D }
```

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

```
.background{ background-color:#ACC89D }
```

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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