

# Converting Colors

Hex(ACE4B2)

Have a look what the booklet for  
Hex(ACE4B2) contains.

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# **Color**

**Hex(ACE4B2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ACE4B2
RGB	172, 228, 178
RGB Percent	67%, 89%, 70%
CMY	0.3255, 0.1059, 0.3020
CMYK	0.25, 0.00, 0.22, 0.11
HSL	126°, 51%, 78%
HSV	126°, 25%, 89%
XYZ	52.7925, 67.4718, 52.3604
YIQ	205.5560, -17.3260, -27.4220

# Conversions

## Conversions Part 2

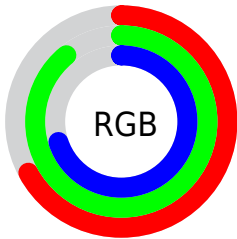
<b>Format</b>	<b>Color</b>
<b>RYB</b>	172, 223, 228
Decimal	11330738
CIELab	85.74, -27.54, 18.73
CIELCh	86, 33.300, 145.782
Yxy	67.4718, 0.3058, 0.3909
Android (android.graphics.Color)	4289520818 (0xFFACE4B2)
YUV	205.5560, -13.5851, -29.4286
Hunter-Lab	82.1412, -29.0244, 19.7048

# Details

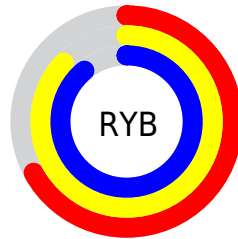
The Hex color **ACE4B2** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **E4ACDE**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **E4FFEA**, and **76AC7D** is the 20% darker color. If you saturate the color by 10%, you get **95E49E**, and if you desaturate by 10%, it is **C3E4C6**.

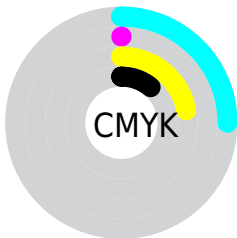
# Distribution



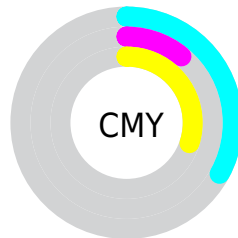
- Red (67%)
- Green (89%)
- Blue (70%)



- Red (67%)
- Yellow (87%)
- Blue (89%)



- Cyan (25%)
- Magenta (0%)
- Yellow (22%)
- Black (11%)



- Cyan (33%)
- Magenta (11%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ACE4B2 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 ACE4B2 by changing the saturation by 10% instead.



 ACE4B2

 ACE4B2

FFFFFF

 91C897

 E4FFEA

 76AC7D

 5D9264

 44784C

 2B5F35

 10471F

 003009

 001C00

 000000

 ACE4B2

 ACE4B2

 95E49E

 C3E4C6

 7EE489

 DAE4DB

 68E475

 F0E4EF

 51E461

 FFE4FF

 3AE44C

 23E438

 0CE423

 00E418

# Harmonies

## Analogous

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



D0DD9D



ACE4B2



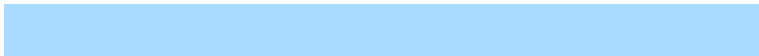
8AE8D1

# Triad

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



ACE4B2



A8DBFF



FFC1BC

# Complementary

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



ACE4B2



E4ACDE

# 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.



FFBFDC



ACE4B2



D5D0FF

# Square

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



ACE4B2



81E3FF



FBC5FA



FFC8A3

# Rectangle

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



ACE4B2



79E8E6



FBC5FA



FFBFC7



# Sweetspot

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



ACE4B2



EDFFE4



DEE4AC



758076



000000



808080

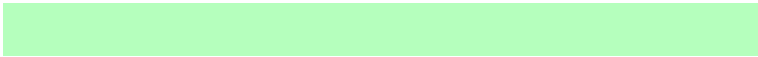


# Same Dimension

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



ACE4B2



B5FFBD



ACE4CE



677369



00B313



003305



# Inverse Universe

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



E4ACDE



FFB5F7



E4ACC2



736772



B3009F

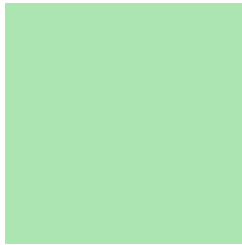


33002E



# Previews

## White Background



This preview shows how the Hex color ACE4B2 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



This preview shows how the Hex color ACE4B2 looks on a 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 ACE4B2 Background



This preview shows how black text looks on a background with the Hex color ACE4B2.

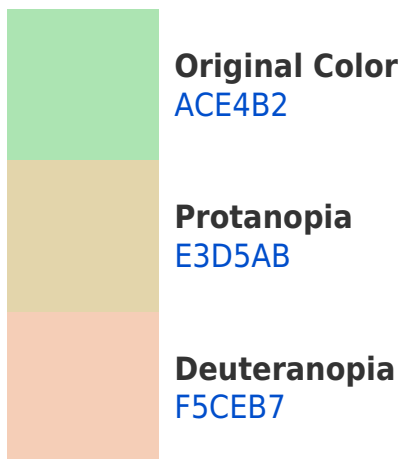


This preview shows how white text looks on a background with the Hex color ACE4B2.

# 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





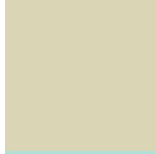
# Trichromacy



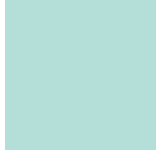
**Original Color**  
ACE4B2



**Protanomaly**  
CFDAAE



**Deuteranomaly**  
DAD6B5

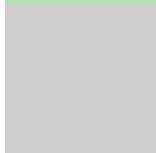


**Tritanomaly**  
B3DFD8

# Monochromacy



**Original Color**  
ACE4B2



**Achromatopsia**  
CECECE



**Achromatomaly**  
C2D6C4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ACE4B2 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 #ACE4B2 looks like.

```
.text, #text, p{  
    color:#ACE4B2  
}
```

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 #ACE4B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACE4B2  
}
```

## Border

The CSS property to change the border of an element to Hex ACE4B2 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  
#ACE4B2 }
```

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

```
.border{ border-color:#ACE4B2 }
```

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

Here you see how a box with a 4 pixel #ACE4B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACE4B2; -webkit-box-shadow:4px 4px  
4px 4px #ACE4B2; box-shadow:4px 4px 4px  
4px #ACE4B2 }
```

# Background

The CSS property to change the background color of an element to Hex ACE4B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACE4B2 }
```

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

```
.background{ background-color:#ACE4B2 }
```

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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