

# Converting Colors

Hex(7ACE8E)

Have a look what the booklet for  
Hex(7ACE8E) contains.

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# **Color**

**Hex(7ACE8E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7ACE8E
RGB	122, 206, 142
RGB Percent	48%, 81%, 56%
CMY	0.5216, 0.1922, 0.4431
CMYK	0.41, 0.00, 0.31, 0.19
HSL	134°, 46%, 64%
HSV	134°, 41%, 81%
XYZ	34.9798, 50.2332, 33.4435
YIQ	173.5880, -29.5200, -37.7120

# Conversions

## Conversions Part 2

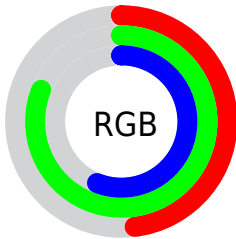
<b>Format</b>	<b>Color</b>
<b>RYB</b>	122, 190, 206
Decimal	8048270
CIELab	76.21, -39.15, 24.04
CIElCh	76, 45.946, 148.445
Yxy	50.2332, 0.2948, 0.4233
Android (android.graphics.Color)	4286238350 (0xFF7ACE8E)
YUV	173.5880, -15.5729, -45.2427
Hunter-Lab	70.8754, -35.9350, 21.6359

# Details

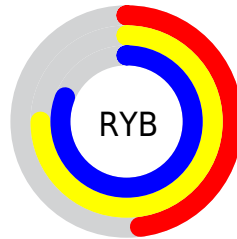
The Hex color **7ACE8E** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **CE7ABA**, and the grayscale version is **AEAFAE**.

A 20% lighter version of the original color is **B2FFC4**, and **43975B** is the 20% darker color. If you saturate the color by 10%, you get **65CE7E**, and if you desaturate by 10%, it is **8FCE9E**.

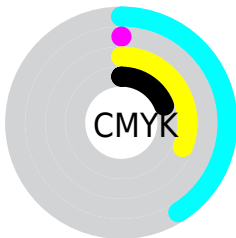
# Distribution



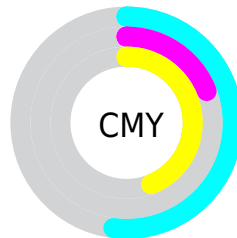
- Red (48%)
- Green (81%)
- Blue (56%)



- Red (48%)
- Yellow (75%)
- Blue (81%)



- Cyan (41%)
- Magenta (0%)
- Yellow (31%)
- Black (19%)



- Cyan (52%)
- Magenta (19%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7ACE8E 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 7ACE8E by changing the saturation by 10% instead.



 7ACE8E

 7ACE8E

FFFFFF

 5FB274

 B2FFC4

 43975B

 CEFFE0

 267D43

 EBFFFD

 00632C

 004B16

 003300

 001E00

 000000

 7ACE8E

 7ACE8E

 65CE7E

 8FCE9E

 51CE6F

 A3CEAD

 3CCE5F

 B8CEBD

 28CE4F

 CCCECD

 13CE40

 E1CEDC

 00CE31

 F6CEEC

 FFCEFC

 FFCEFF

# Harmonies

## Analogous

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



ADC56F



7ACE8E



32D2B8

# Triad

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



7ACE8E



75C1FF



FF9D96

# Complementary

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



7ACE8E



CE7ABA

# 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.



FF9AC0



7ACE8E



BDB2FF

# Square

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



7ACE8E



00CCFF



EFA2E9



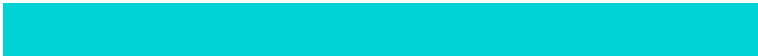
FAAA75

# Rectangle

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



7ACE8E



00D2D5



EFA2E9



FF9BA3

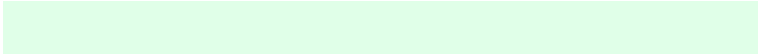


# Sweetspot

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



7ACE8E



E0FFE8



BACE7A



6E8072



000000



808080



# Same Dimension

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



7ACE8E



82FFA0



7ACEB8



5C665E



00A627



002609



# Inverse Universe

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



CE7ABA



FF82E1



CE7A90



665C64



A6007E



26001D



# Previews

## White Background



This preview shows how the Hex color 7ACE8E looks on a white background.

## Color Contrast Check

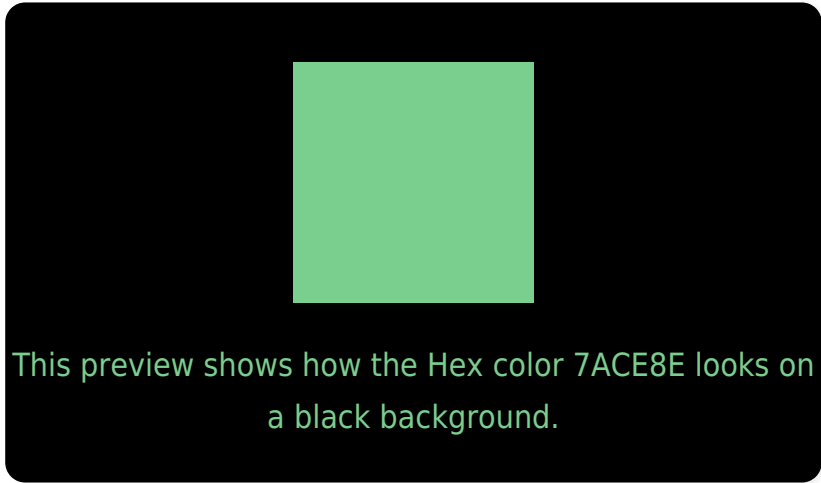
Large Text (above 18pt) WCAG AA × Fail

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

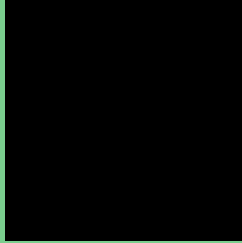
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7ACE8E Background



This preview shows how black text looks on a background with the Hex color 7ACE8E.

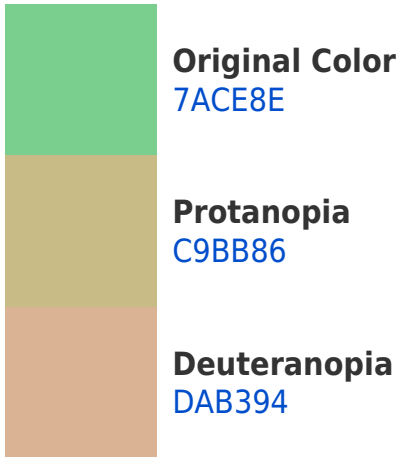


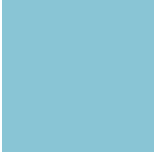
This preview shows how white text looks on a background with the Hex color 7ACE8E.

# 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**  
89C5D5

# Trichromacy



**Original Color**  
7ACE8E



**Protanomaly**  
ACC289



**Deuteranomaly**  
B7BD92



**Tritanomaly**  
84C8BB

# Monochromacy



**Original Color**  
7ACE8E



**Achromatopsia**  
AEAEAE



**Achromatomaly**  
9BBAA2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7ACE8E 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 #7ACE8E looks like.

```
.text, #text, p{  
    color:#7ACE8E  
}
```

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 #7ACE8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7ACE8E
}
```

## Border

The CSS property to change the border of an element to Hex 7ACE8E 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
#7ACE8E }
```

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

```
.border{ border-color:#7ACE8E }
```

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

Here you see how a box with a 4 pixel #7ACE8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7ACE8E; -webkit-box-shadow:4px 4px  
4px 4px #7ACE8E; box-shadow:4px 4px 4px  
4px #7ACE8E }
```

# Background

The CSS property to change the background color of an element to Hex 7ACE8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7ACE8E }
```

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

```
.background{ background-color:#7ACE8E }
```

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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