

# Converting Colors

Hex(7CAA82)

Have a look what the booklet for  
Hex(7CAA82) contains.

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# **Color**

**Hex(7CAA82)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7CAA82
RGB	124, 170, 130
RGB Percent	49%, 67%, 51%
CMY	0.5137, 0.3333, 0.4902
CMYK	0.27, 0.00, 0.24, 0.33
HSL	128°, 21%, 58%
HSV	128°, 27%, 67%
XYZ	26.7162, 34.6462, 26.3984
YIQ	151.6860, -14.5760, -22.1920

# Conversions

## Conversions Part 2

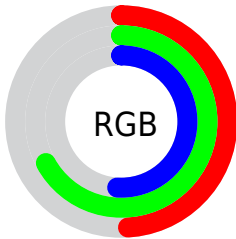
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 165, 170
Decimal	8170114
CIELab	65.47, -23.65, 15.76
CIELCh	65, 28.416, 146.318
Yxy	34.6462, 0.3044, 0.3948
Android (android.graphics.Color)	4286360194 (0xFF7CAA82)
YUV	151.6860, -10.6912, -24.2806
Hunter-Lab	58.8611, -21.9883, 14.6120

# Details

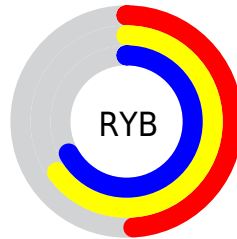
The Hex color **7CAA82** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AA7CA4**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **B1E1B7**, and **4A7651** is the 20% darker color. If you saturate the color by 10%, you get **6BAA73**, and if you desaturate by 10%, it is **8DAA91**.

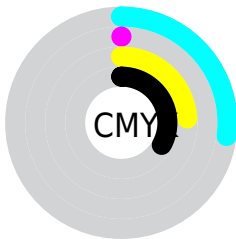
# Distribution



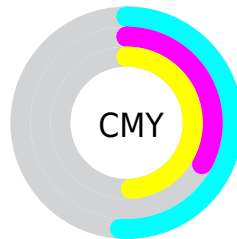
- Red (49%)
- Green (67%)
- Blue (51%)



- Red (49%)
- Yellow (65%)
- Blue (67%)



- Cyan (27%)
- Magenta (0%)
- Yellow (24%)
- Black (33%)



- Cyan (51%)
- Magenta (33%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7CAA82 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 7CAA82 by changing the saturation by 10% instead.





7CAA82



7CAA82

FFFFFF



628F69



B1E1B7



4A7651



CDFED3



315D39



EAFEF



194523



002E0F



001C00



000000



7CAA82



7CAA82



6BAA73



8DAA91

 5AAA64

 9EAAA0

 49AA56

 AFAAAE

 38AA47

 C0AABD

 27AA38

 D1AACC

 16AA29

 E2AADB

 05AA1B

 F3AAE9

 00AA16

 FFAAF8

 FFAAFF

# Harmonies

## Analogous

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



99A471



7CAA82



5FAD9B

# Triad

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



7CAA82



79A2D1



D28D8A

# Complementary

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



7CAA82



AA7CA4

# 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.



CE8CA3



7CAA82



9E9ACC

# Square

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



7CAA82



58A9C9



BD91BC



C89476

# Rectangle

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



7CAA82



51ADAC



BD91BC



D28C92



# Sweetspot

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



7CAA82



CCDECE



A5AA7C



657066



F0F0F0



707070



# Same Dimension

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



7CAA82



97DEA0



7CAA98



4C544D



009413



001403



# Inverse Universe

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



AA7CA4



DE97D5



AA7C8E



544C53



940081



140012



# Previews

## White Background



This preview shows how the Hex color 7CAA82 looks on a white background.

## Color Contrast Check

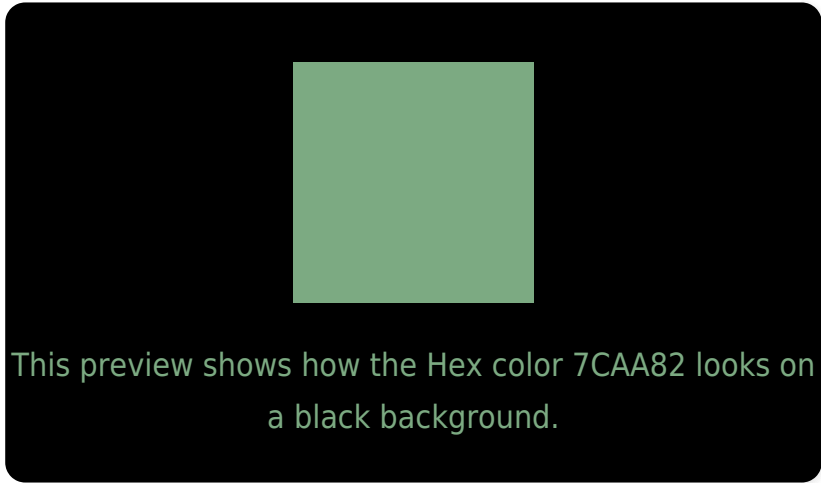
Large Text (above 18pt) WCAG AA × Fail

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

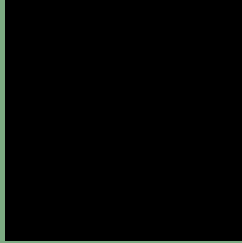
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7CAA82 Background



This preview shows how black text looks on a background with the Hex color 7CAA82.



This preview shows how white text looks on a background with the Hex color 7CAA82.

# 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](#).

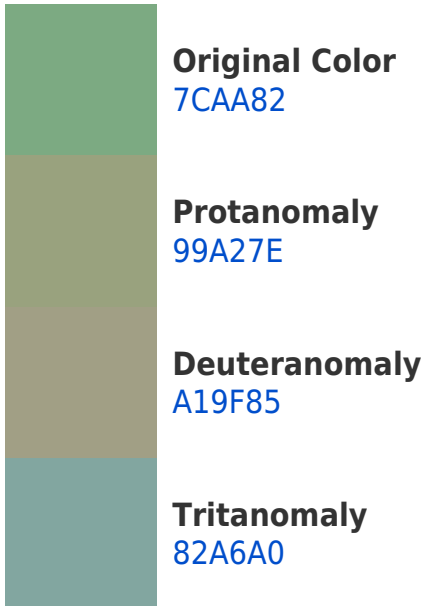
## Dichromacy



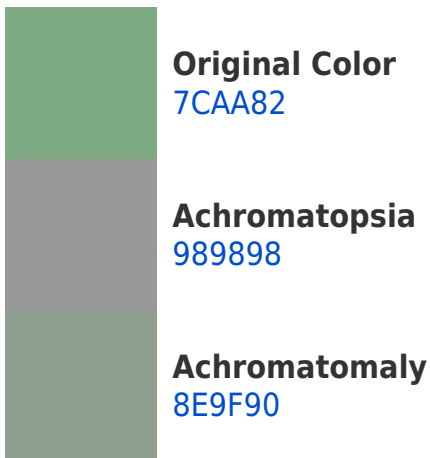


**Tritanopia**  
85A4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7CAA82 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 #7CAA82 looks like.

```
.text, #text, p{  
    color:#7CAA82  
}
```

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 #7CAA82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CAA82
}
```

## Border

The CSS property to change the border of an element to Hex 7CAA82 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
#7CAA82 }
```

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

```
.border{ border-color:#7CAA82 }
```

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

Here you see how a box with a 4 pixel #7CAA82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CAA82; -webkit-box-shadow:4px 4px  
4px 4px #7CAA82; box-shadow:4px 4px 4px  
4px #7CAA82 }
```

# Background

The CSS property to change the background color of an element to Hex 7CAA82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CAA82 }
```

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

```
.background{ background-color:#7CAA82 }
```

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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