

# Converting Colors

Hex(7CAA84)

Have a look what the booklet for  
Hex(7CAA84) contains.

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# **Color**

**Hex(7CAA84)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7CAA84
RGB	124, 170, 132
RGB Percent	49%, 67%, 52%
CMY	0.5137, 0.3333, 0.4824
CMYK	0.27, 0.00, 0.22, 0.33
HSL	130°, 21%, 58%
HSV	130°, 27%, 67%
XYZ	26.8518, 34.7005, 27.1124
YIQ	151.9140, -15.2180, -21.5700

# Conversions

## Conversions Part 2

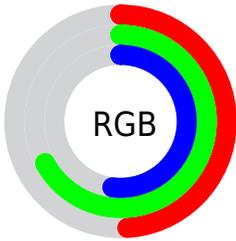
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">124, 163, 170</a>
Decimal	<a href="#">8170116</a>
CIELab	<a href="#">65.51, -23.28, 14.72</a>
CIELCh	<a href="#">66, 27.539, 147.693</a>
Yxy	<a href="#">34.7005, 0.3028, 0.3914</a>
Android (android.graphics.Color)	<a href="#">4286360196 (0xFF7CAA84)</a>
YUV	<a href="#">151.9140, -9.8176, -24.4806</a>
Hunter-Lab	<a href="#">58.9071, -21.7214, 13.9463</a>

# Details

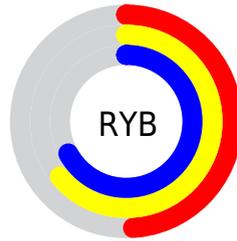
The Hex color **7CAA84** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AA7CA2**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **B1E1B9**, and **4A7652** is the 20% darker color. If you saturate the color by 10%, you get **6BAA76**, and if you desaturate by 10%, it is **8DAA92**.

# Distribution



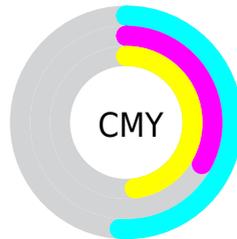
- Red (49%)
- Green (67%)
- Blue (52%)



- Red (49%)
- Yellow (64%)
- Blue (67%)



- Cyan (27%)
- Magenta (0%)
- Yellow (22%)
- Black (33%)



- Cyan (51%)
- Magenta (33%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7CAA84 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 7CAA84 by changing the saturation by 10% instead.

■ 7CAA84

■ 7CAA84

FFFFFF

■ 628F6B

■ B1E1B9

■ 4A7652

■ CDFED5

■ 315D3B

■ EAFFF1

■ 194525

■ 002E11

■ 001C00

■ 000000

■ 7CAA84

■ 7CAA84

■ 6BAA76

■ 8DAA92

■ 5AAA68

■ 9EAAA0

■ 49AA5A

■ AFAAAE

■ 38AA4C

■ C0AABC

■ 27AA3E

■ D1AACA

■ 16AA30

■ E2AAD8

■ 05AA22

■ F3AAE6

■ 00AA1E

■ FFAAF4

■ FFAAFF

# Harmonies

## Analogous

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



99A573



7CAA84



61AD9C

# Triad

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



7CAA84



7CA2D0



D08E89

# Complementary

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



7CAA84



AA7CA2

# 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.



CD8DA2



7CAA84



A099CB

# Square

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



7CAA84



5DA9C8



BD91BA



C69576

# Rectangle

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



7CAA84



54ADAD



BD91BA



D18D91

# Sweetspot

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



7CAA84



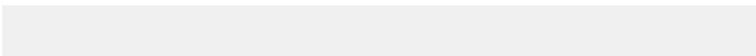
CCDECF



A2AA7C



657067



F0F0F0



707070



# Same Dimension

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



7CAA84



97DEA3



7CAA9B



4C544D



00941A



001404



# Inverse Universe

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



AA7CA2



DE97D2



AA7C8B



544C53



94007A



140011



# Previews

## White Background



This preview shows how the Hex color 7CAA84 looks on a white background.

## Color Contrast Check

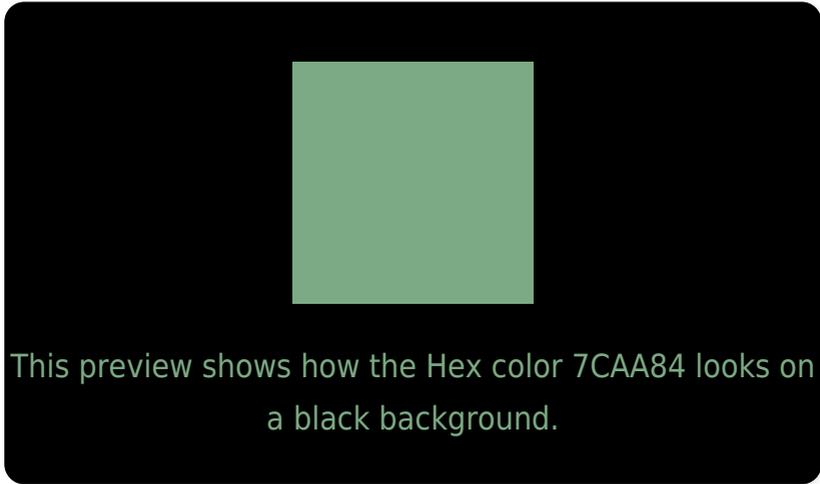
Large Text (above 18pt) WCAG AA × Fail

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

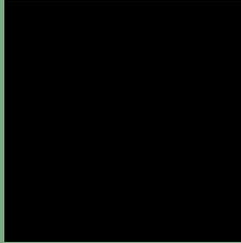
Any Text WCAG AA ✓ Pass

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 7CAA84 Background



This preview shows how black text looks on a background with the Hex color 7CAA84.



This preview shows how white text looks on a background with the Hex color 7CAA84.

# 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](#).

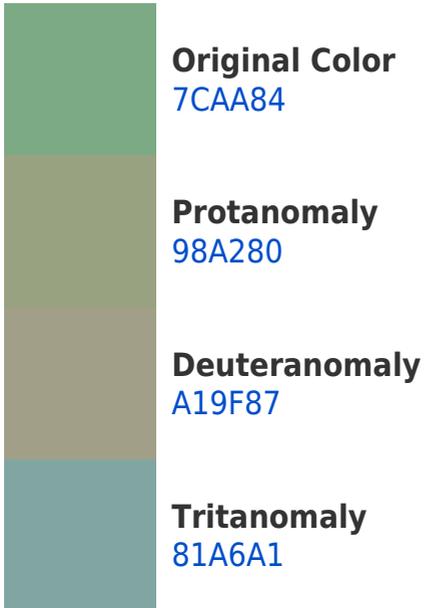
## Dichromacy





**Tritanopia**  
84A4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7CAA84 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 #7CAA84 looks like.

```
.text, #text, p{  
    color:#7CAA84  
}
```

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 #7CAA84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CAA84
}
```

## Border

The CSS property to change the border of an element to Hex 7CAA84 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
#7CAA84 }
```

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

```
.border{ border-color:#7CAA84 }
```

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

Here you see how a box with a 4 pixel #7CAA84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CAA84; -webkit-box-shadow:4px 4px  
4px 4px #7CAA84; box-shadow:4px 4px 4px  
4px #7CAA84 }
```

# Background

The CSS property to change the background color of an element to Hex 7CAA84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CAA84 }
```

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

```
.background{ background-color:#7CAA84 }
```

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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