

# Converting Colors

Hex(7CAD93)

Have a look what the booklet for  
Hex(7CAD93) contains.

<b>Hex(7CAD93)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(7CAD93)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7CAD93
RGB	124, 173, 147
RGB Percent	49%, 68%, 58%
CMY	0.5137, 0.3216, 0.4235
CMYK	0.28, 0.00, 0.15, 0.32
HSL	148°, 23%, 58%
HSV	148°, 28%, 68%
XYZ	28.5222, 36.2788, 33.1030
YIQ	155.3850, -20.8580, -18.4740

# Conversions

## Conversions Part 2

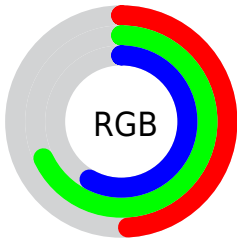
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">124, 157, 173</a>
Decimal	<a href="#">8170899</a>
CIELab	<a href="#">66.73, -21.86, 8.16</a>
CIELCh	<a href="#">67, 23.330, 159.529</a>
Yxy	<a href="#">36.2788, 0.2913, 0.3706</a>
Android (android.graphics.Color)	<a href="#">4286360979 (0xFF7CAD93)</a>
YUV	<a href="#">155.3850, -4.1338, -27.5246</a>
Hunter-Lab	<a href="#">60.2319, -20.8789, 9.5770</a>

# Details

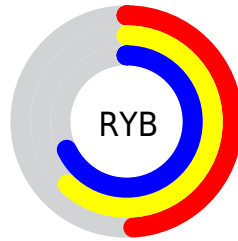
The Hex color **7CAD93** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **AD7C96**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **B2E5C9**, and **497860** is the 20% darker color. If you saturate the color by 10%, you get **6BAD8A**, and if you desaturate by 10%, it is **8DAD9C**.

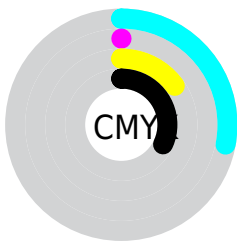
# Distribution



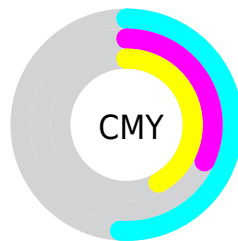
- Red (49%)
- Green (68%)
- Blue (58%)



- Red (49%)
- Yellow (62%)
- Blue (68%)



- Cyan (28%)
- Magenta (0%)
- Yellow (15%)
- Black (32%)



- Cyan (51%)
- Magenta (32%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7CAD93 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 7CAD93 by changing the saturation by 10% instead.



 7CAD93

 7CAD93


FFFFFF

 629279

 B2E5C9

 497860

 CDFFE5

 315F49

 EAFFFF

 194732

 00311D

 001D04

 000000

 7CAD93

 7CAD93

 6BAD8A

 8DAD9C

 59AD81

 9FADA5

 48AD77

 B0ADAF

 37AD6E

 C1ADB8

 25AD65

 D3ADC1

 14AD5C

 E4ADCA

 03AD53

 F5ADD3

 00AD51

 FFADDC

 FFADE6

# Harmonies

## Analogous

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



94A982



7CAD93



6AAE8

# Triad

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



7CAD93



92A2CB



CB9689

# Complementary

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



7CAD93



AD7C96

# 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.



CD939C



7CAD93



AE9BC3

# Square

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



7CAD93



76A8C9



C395B1



BF9C7C

# Rectangle

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



7CAD93



65AEB6



C395B1



CD958F



# Sweetspot

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



7CAD93



CEE0D7



96AD7C



65706A



F0F0F0



707070



# Same Dimension

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



7CAD93



94E0B8



7CADAB



4E5752



009647



00170B



# Inverse Universe

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



AD7C96



E094BD



AD7C7E



574E53



960050



17000C



# Previews

## White Background



This preview shows how the Hex color 7CAD93 looks on a white background.

## Color Contrast Check

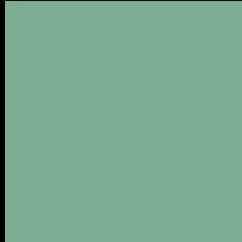
Large Text (above 18pt) WCAG AA × Fail

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 7CAD93 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

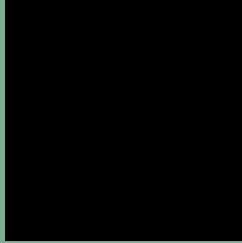
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7CAD93 Background



This preview shows how black text looks on a background with the Hex color 7CAD93.



This preview shows how white text looks on a background with the Hex color 7CAD93.

# 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](#).

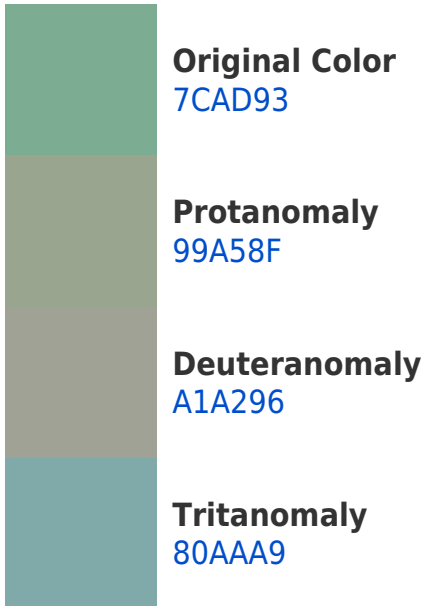
## Dichromacy



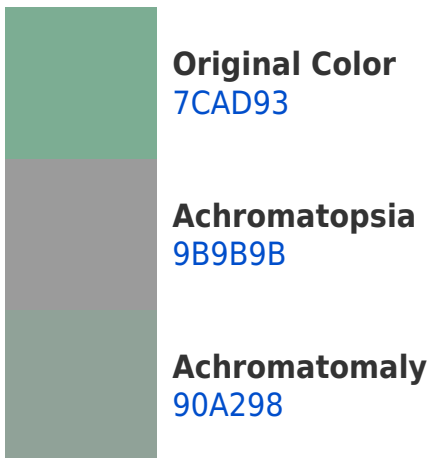


**Tritanopia**  
83A8B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7CAD93 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 #7CAD93 looks like.

```
.text, #text, p{  
    color:#7CAD93  
}
```

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 #7CAD93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CAD93
}
```

## Border

The CSS property to change the border of an element to Hex 7CAD93 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
#7CAD93 }
```

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

```
.border{ border-color:#7CAD93 }
```

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

Here you see how a box with a 4 pixel #7CAD93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CAD93; -webkit-box-shadow:4px 4px  
4px 4px #7CAD93; box-shadow:4px 4px 4px  
4px #7CAD93 }
```

# Background

The CSS property to change the background color of an element to Hex 7CAD93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CAD93 }
```

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

```
.background{ background-color:#7CAD93 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor