

# Converting Colors

Hex(7CA9A6)

Have a look what the booklet for  
Hex(7CA9A6) contains.

<b>Hex(7CA9A6)</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(7CA9A6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7CA9A6
RGB	124, 169, 166
RGB Percent	49%, 66%, 65%
CMY	0.5137, 0.3373, 0.3490
CMYK	0.27, 0.00, 0.02, 0.34
HSL	176°, 21%, 57%
HSV	176°, 27%, 66%
XYZ	29.3831, 35.4142, 41.3634
YIQ	155.2030, -25.8570, -10.4730

# Conversions

## Conversions Part 2

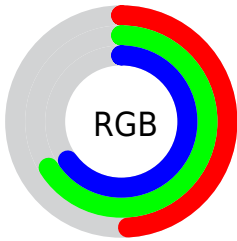
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 147, 169
Decimal	8169894
CIELab	66.07, -15.67, -3.35
CIELCh	66, 16.021, 192.067
Yxy	35.4142, 0.2768, 0.3336
Android (android.graphics.Color)	4286359974 (0xFF7CA9A6)
YUV	155.2030, 5.3229, -27.3650
Hunter-Lab	59.5098, -16.0075, 0.4463

# Details

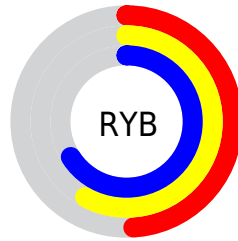
The Hex color **7CA9A6** is a light color, and the websafe version is hex **669999**. A complement of this color would be **A97C7F**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **B2E0DD**, and **497572** is the 20% darker color. If you saturate the color by 10%, you get **6BA9A5**, and if you desaturate by 10%, it is **8DA9A7**.

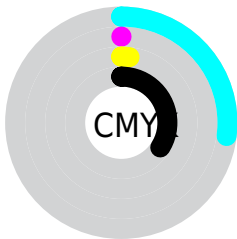
# Distribution



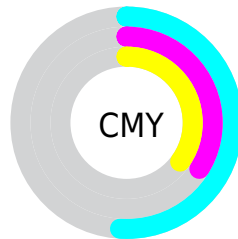
- Red (49%)
- Green (66%)
- Blue (65%)



- Red (49%)
- Yellow (58%)
- Blue (66%)



- Cyan (27%)
- Magenta (0%)
- Yellow (2%)
- Black (34%)



- Cyan (51%)
- Magenta (34%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7CA9A6 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 7CA9A6 by changing the saturation by 10% instead.



7CA9A6

7CA9A6

FFFFFF

628E8C

B2E0DD

497572

CEFDFA

315C5A

EAFFFF

184442

002E2C

001A18

000000

7CA9A6

7CA9A6

6BA9A5

8DA9A7

5AA9A4

9EA9A8

49A9A3

AFA9A9

38A9A1

C0A9AB

27A9A0

D0A9AC

17A99F

E1A9AD

06A99E

F2A9AE

00A99E

FFA9AF

FFA9B0

# Harmonies

## Analogous

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



86A897



7CA9A6



7CA8B3

# Triad

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



7CA9A6



AA9BB6



B49D86

# Complementary

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



7CA9A6



A97C7F

# 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.



BD998E



7CA9A6



B898AA

# Square

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



7CA9A6



98A0BC



BF979B



A6A184

# Rectangle

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



7CA9A6



82A6B9



BF979B



B89B88



# Sweetspot

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



7CA9A6



CADBDA



7FA97C



636E6D



EDEDED



6E6E6E



# Same Dimension

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



7CA9A6



95DBD7



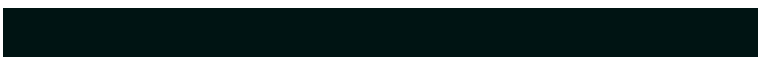
7C95A9



4C5454



00948A



001413



# Inverse Universe

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



A97C7F



DB959A



A98F7C



544C4C



94000A



140001



# Previews

## White Background



This preview shows how the Hex color 7CA9A6 looks on a white background.

## Color Contrast Check

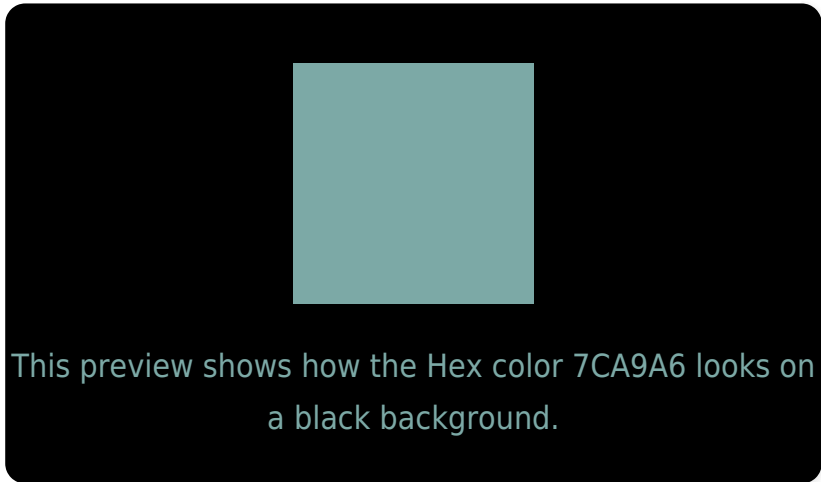
Large Text (above 18pt) WCAG AA × Fail

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

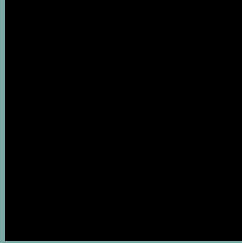
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7CA9A6 Background



This preview shows how black text looks on a background with the Hex color 7CA9A6.

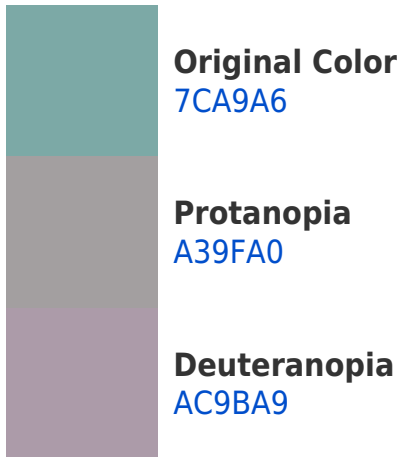


This preview shows how white text looks on a background with the Hex color 7CA9A6.

# 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**  
7FA7B4

# Trichromacy



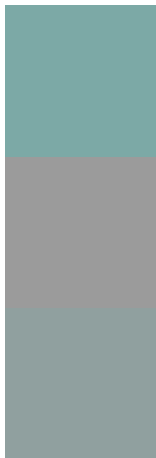
**Original Color**  
7CA9A6

**Protanomaly**  
95A3A2

**Deuteranomaly**  
9BA0A8

**Tritanomaly**  
7EA8AF

# Monochromacy



**Original Color**  
7CA9A6

**Achromatopsia**  
9B9B9B

**Achromatomaly**  
90A09F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7CA9A6 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 #7CA9A6 looks like.

```
.text, #text, p{  
    color:#7CA9A6  
}
```

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 #7CA9A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CA9A6  
}
```

## Border

The CSS property to change the border of an element to Hex 7CA9A6 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  
#7CA9A6 }
```

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

```
.border{ border-color:#7CA9A6 }
```

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

Here you see how a box with a 4 pixel #7CA9A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CA9A6; -webkit-box-shadow:4px 4px  
4px 4px #7CA9A6; box-shadow:4px 4px 4px  
4px #7CA9A6 }
```

# Background

The CSS property to change the background color of an element to Hex 7CA9A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CA9A6 }
```

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

```
.background{ background-color:#7CA9A6 }
```

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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