

# Converting Colors

Hex(7CA394)

Have a look what the booklet for  
Hex(7CA394) contains.

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# **Color**

**Hex(7CA394)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7CA394
RGB	124, 163, 148
RGB Percent	49%, 64%, 58%
CMY	0.5137, 0.3608, 0.4196
CMYK	0.24, 0.00, 0.09, 0.36
HSL	157°, 17%, 56%
HSV	157°, 24%, 64%
XYZ	26.7547, 32.6176, 32.9027
YIQ	149.6290, -18.4290, -12.9330

# Conversions

## Conversions Part 2

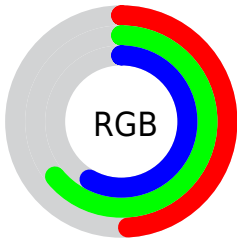
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 148, 163
Decimal	8168340
CIELab	63.85, -16.50, 3.46
CIELCh	64, 16.855, 168.148
Yxy	32.6176, 0.2899, 0.3535
Android (android.graphics.Color)	4286358420 (0xFF7CA394)
YUV	149.6290, -0.8031, -22.4766
Hunter-Lab	57.1118, -16.3253, 5.8207

# Details

The Hex color **7CA394** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A37C8B**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **B1DACA**, and **4A6F61** is the 20% darker color. If you saturate the color by 10%, you get **6CA38E**, and if you desaturate by 10%, it is **8CA39A**.

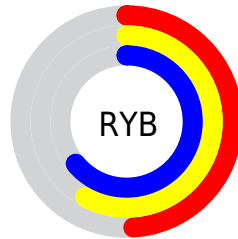
# Distribution



Red (49%)

Green (64%)

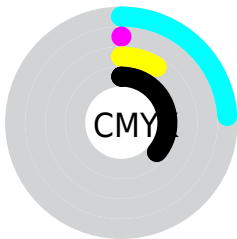
Blue (58%)



Red (49%)

Yellow (58%)

Blue (64%)

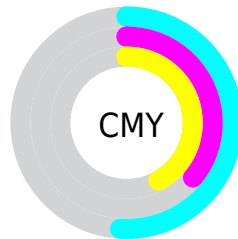


Cyan (24%)

Magenta (0%)

Yellow (9%)

Black (36%)



Cyan (51%)

Magenta (36%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7CA394 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 7CA394 by changing the saturation by 10% instead.





7CA394



7CA394

FFFFFF



63897A



B1DACA



4A6F61



CDF7E6



32574A



E9FFFF



1B3F33



04291E



001605



000000



7CA394



7CA394



6CA38E



8CA39A

■ 5BA387

■ 9DA3A1

■ 4BA381

■ ADA3A7

■ 3BA37B

■ BDA3AD

■ 2BA375

■ CDA3B3

■ 1AA36E

■ DEA3BA

■ 0AA368

■ EEA3C0

■ 00A364

■ FEA3C6

■ FFA3CC

# Harmonies

## Analogous

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



8BA186



7CA394



73A3A3

# Triad

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



7CA394



9699B7



B79385

# Complementary

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



7CA394



A37C8B

# 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.



BA9092



7CA394



A894AF

# Square

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



7CA394



829EB8



B591A1



AC987E

# Rectangle

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



7CA394



73A2AD



B591A1



B99289



# Sweetspot

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



7CA394



C5D4CE



8CA37C



636B68



EBEBEB



6B6B6B



# Same Dimension

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



7CA394



96D4BC



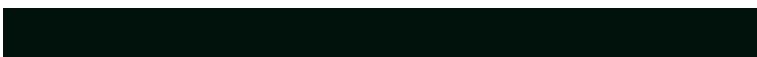
7C9FA3



49524E



009159



00120B



# Inverse Universe

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



A37C8B



D496AE



A3807C



52494D



910038

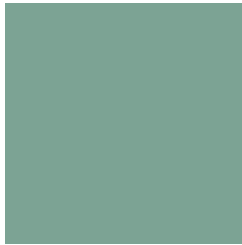


120007



# Previews

## White Background



This preview shows how the Hex color 7CA394 looks on a white background.

## Color Contrast Check

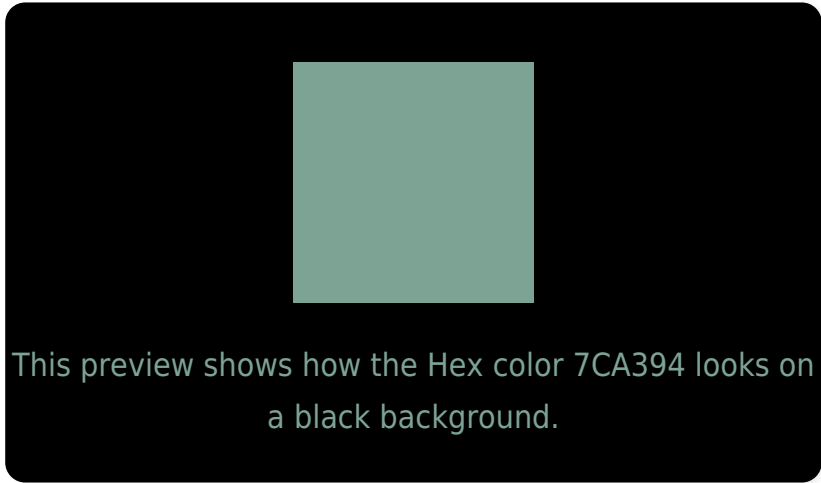
Large Text (above 18pt) WCAG AA × Fail

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

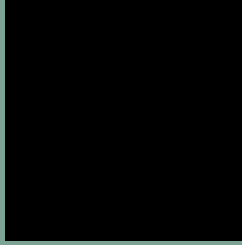
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7CA394 Background



This preview shows how black text looks on a background with the Hex color 7CA394.

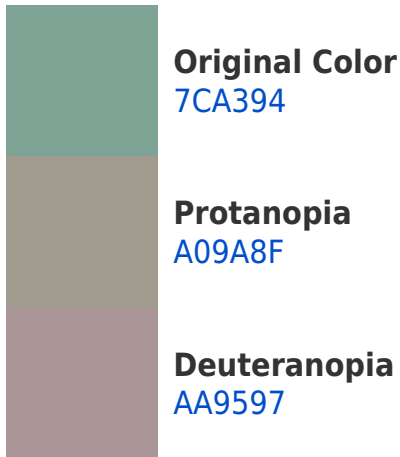


This preview shows how white text looks on a background with the Hex color 7CA394.

# Color Blindness Simulation

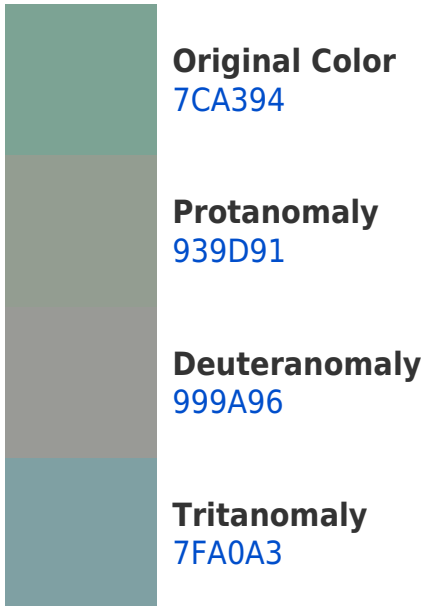
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7CA394 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 #7CA394 looks like.

```
.text, #text, p{  
    color:#7CA394  
}
```

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 #7CA394 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CA394
}
```

## Border

The CSS property to change the border of an element to Hex 7CA394 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
#7CA394 }
```

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

```
.border{ border-color:#7CA394 }
```

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

Here you see how a box with a 4 pixel #7CA394 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CA394; -webkit-box-shadow:4px 4px  
4px 4px #7CA394; box-shadow:4px 4px 4px  
4px #7CA394 }
```

# Background

The CSS property to change the background color of an element to Hex 7CA394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CA394 }
```

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

```
.background{ background-color:#7CA394 }
```

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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