

# Converting Colors

Hex(7CA7B6)

Have a look what the booklet for  
Hex(7CA7B6) contains.

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# **Color**

**Hex(7CA7B6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7CA7B6
RGB	124, 167, 182
RGB Percent	49%, 65%, 71%
CMY	0.5137, 0.3451, 0.2863
CMYK	0.32, 0.08, 0.00, 0.29
HSL	196°, 28%, 60%
HSV	196°, 32%, 71%
XYZ	30.5744, 35.2999, 49.4581
YIQ	155.8530, -30.4430, -4.4510

# Conversions

## Conversions Part 2

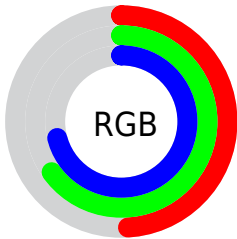
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 149, 182
Decimal	8169398
CIELab	65.98, -10.78, -12.39
CIELCh	66, 16.424, 228.990
Yxy	35.2999, 0.2651, 0.3061
Android (android.graphics.Color)	4286359478 (0xFF7CA7B6)
YUV	155.8530, 12.8905, -27.9351
Hunter-Lab	59.4137, -12.1177, -7.7655

# Details

The Hex color **7CA7B6** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B68B7C**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **B2DEEE**, and **487381** is the 20% darker color. If you saturate the color by 10%, you get **6AA2B6**, and if you desaturate by 10%, it is **8EACB6**.

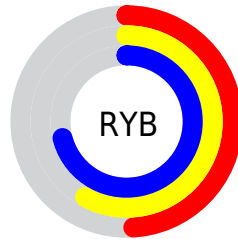
# Distribution



Red (49%)

Green (65%)

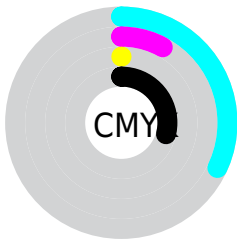
Blue (71%)



Red (49%)

Yellow (58%)

Blue (71%)

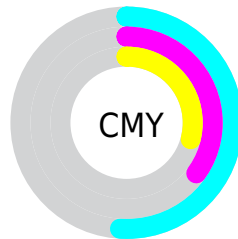


Cyan (32%)

Magenta (8%)

Yellow (0%)

Black (29%)



Cyan (51%)

Magenta (35%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7CA7B6 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 7CA7B6 by changing the saturation by 10% instead.



 7CA7B6

 7CA7B6

FFFFFF

 628D9B

 B2DEEE

 487381

 CEFBFF

 2F5A68

 EBFFFF

 144350

 002D39

 001923

 00010D

 000000

 7CA7B6

 7CA7B6

6AA2B6

8EACB6

589EB6

A0B0B6

4599B6

B3B5B6

3394B6

C5BAB6

218FB6

D7BFB6

0F8BB6

E9C3B6

0087B6

FBC8B6

FFCDB6

FFD1B6

# Harmonies

## Analogous

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



7AA9A9



7CA7B6



89A3BD

# Triad

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



7CA7B6



BB97A6



A2A284

# Complementary

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



7CA7B6



B68B7C

# 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.



B19D84



7CA7B6



BF9697

# Square

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



7CA7B6



AE9AB4



BC998B



91A68D

# Rectangle

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



7CA7B6



96A0BD



BC998B



A7A183



# Sweetspot

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



7CA7B6



D5E7ED



7CB68B



697478



F7F7F7



787878



# Same Dimension

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



7CA7B6



93D6ED



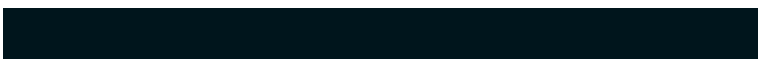
7C8BB6



53595C



00739C



00151C



# Inverse Universe

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



B67CA7



ED93D6



B6A87C



5C5359



9C0073



1C0015



# Previews

## White Background



This preview shows how the Hex color 7CA7B6 looks on a white background.

## Color Contrast Check

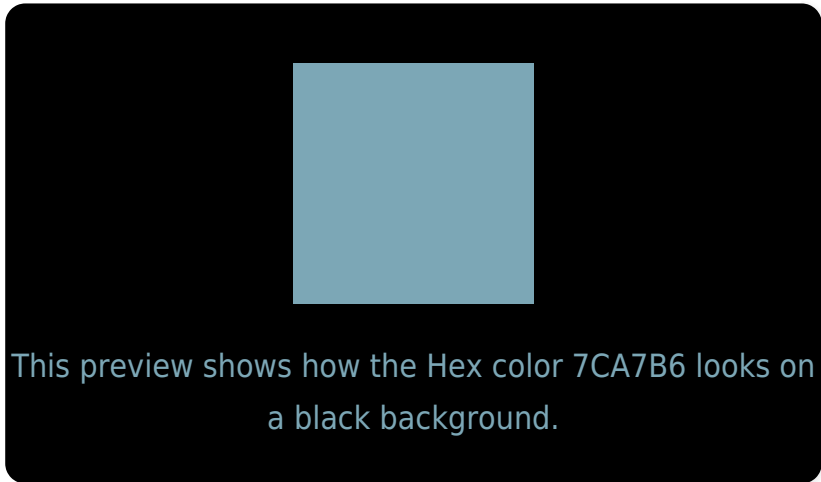
Large Text (above 18pt) WCAG AA × Fail

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

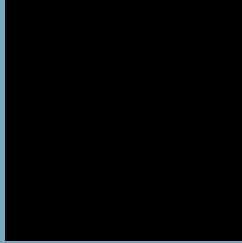
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

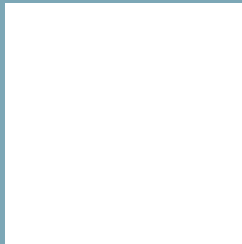
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7CA7B6 Background



This preview shows how black text looks on a background with the Hex color 7CA7B6.

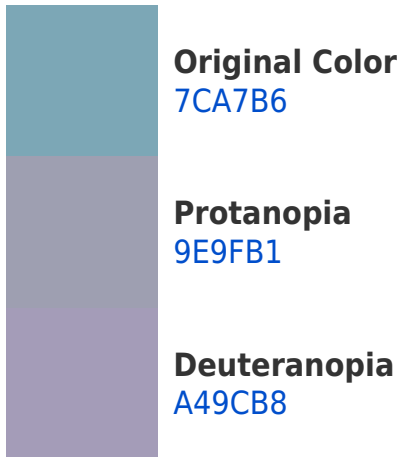


This preview shows how white text looks on a background with the Hex color 7CA7B6.

# 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](#).

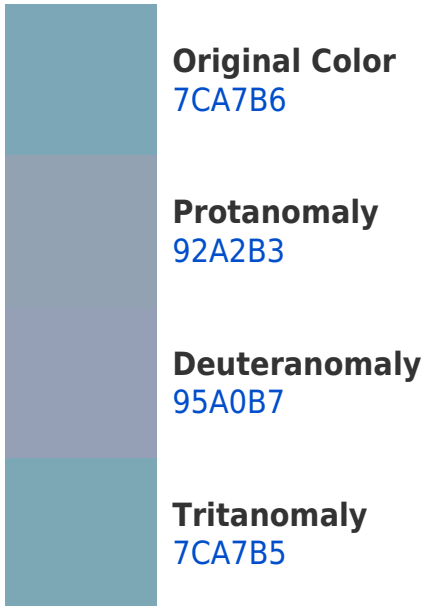
## Dichromacy



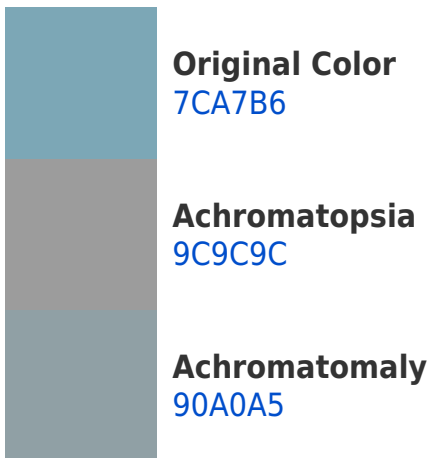


**Tritanopia**  
7CA7B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7CA7B6 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 #7CA7B6 looks like.

```
.text, #text, p{  
    color:#7CA7B6  
}
```

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 #7CA7B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CA7B6
}
```

## Border

The CSS property to change the border of an element to Hex 7CA7B6 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
#7CA7B6 }
```

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

```
.border{ border-color:#7CA7B6 }
```

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

Here you see how a box with a 4 pixel #7CA7B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CA7B6; -webkit-box-shadow:4px 4px  
4px 4px #7CA7B6; box-shadow:4px 4px 4px  
4px #7CA7B6 }
```

# Background

The CSS property to change the background color of an element to Hex 7CA7B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CA7B6 }
```

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

```
.background{ background-color:#7CA7B6 }
```

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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