

# Converting Colors

Hex(7CA8D6)

Have a look what the booklet for  
Hex(7CA8D6) contains.

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# **Color**

**Hex(7CA8D6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7CA8D6
RGB	124, 168, 214
RGB Percent	49%, 66%, 84%
CMY	0.5137, 0.3412, 0.1608
CMYK	0.42, 0.21, 0.00, 0.16
HSL	211°, 52%, 66%
HSV	211°, 42%, 84%
XYZ	34.4524, 37.1454, 68.9723
YIQ	160.0880, -40.9900, 4.9780

# Conversions

## Conversions Part 2

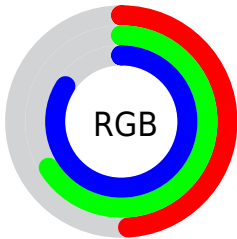
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 154, 214
Decimal	8169686
CIELab	67.39, -2.92, -28.00
CIELCh	67, 28.148, 264.048
Yxy	37.1454, 0.2451, 0.2642
Android (android.graphics.Color)	4286359766 (0xFF7CA8D6)
YUV	160.0880, 26.5786, -31.6492
Hunter-Lab	60.9470, -5.7540, -24.4342

# Details

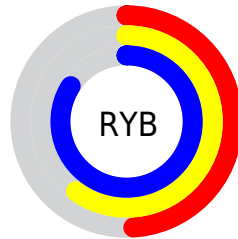
The Hex color **7CA8D6** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D6AA7C**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **B4DFFF**, and **45749F** is the 20% darker color. If you saturate the color by 10%, you get **679DD6**, and if you desaturate by 10%, it is **91B3D6**.

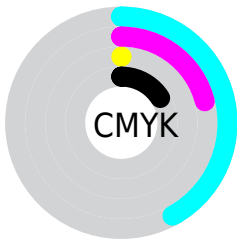
# Distribution



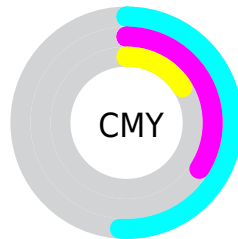
- Red (49%)
- Green (66%)
- Blue (84%)



- Red (49%)
- Yellow (60%)
- Blue (84%)



- Cyan (42%)
- Magenta (21%)
- Yellow (0%)
- Black (16%)



- Cyan (51%)
- Magenta (34%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7CA8D6 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 7CA8D6 by changing the saturation by 10% instead.



 7CA8D6

 7CA8D6

FFFFFF

 618EBA

 B4DFFF

 45749F

 D0FCFF

 295C85


 EDFFFF

 00446B

 002E53

 001A3C

 000226

 00010F

 000000

■ 7CA8D6

■ 7CA8D6

■ 679DD6

■ 91B3D6

■ 5192D6

■ A7BED6

■ 3C87D6

■ BCC9D6

■ 267CD6

■ D2D4D6

■ 1171D6

■ E7DFD6

■ 0069D6

■ FCEAD6

■ FFF5D6

■ FFFFD6

# Harmonies

## Analogous

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



5DAECC



7CA8D6



A19FD2

# Triad

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



7CA8D6



D79291



84AF86

# Complementary

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



7CA8D6



D6AA7C

# 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.



A1A975



7CA8D6



CE987C

# Square

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



7CA8D6



D292AA



BBA172



67B29E

# Rectangle

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



7CA8D6



B799C9



BBA172



8DAD7F

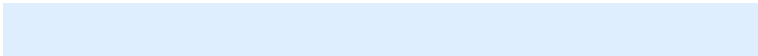


# Sweetspot

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



7CA8D6



DDEEFF



7CD6A9



6B7580



000000



808080

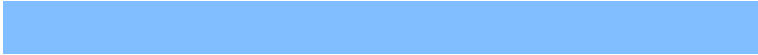


# Same Dimension

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



7CA8D6



80BEFF



7C7CD6



60666B



0054AB



00152B



# Inverse Universe

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



D67CA8



FF80BE



D6D67C



6B6066



AB0054

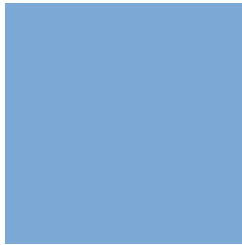


2B0015



# Previews

## White Background



This preview shows how the Hex color 7CA8D6 looks on a white background.

## Color Contrast Check

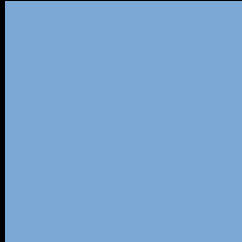
Large Text (above 18pt) WCAG AA × Fail

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 7CA8D6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

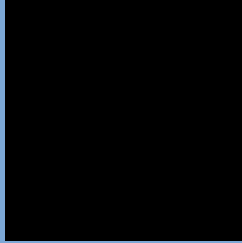
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

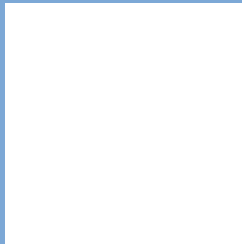
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7CA8D6 Background



This preview shows how black text looks on a background with the Hex color 7CA8D6.

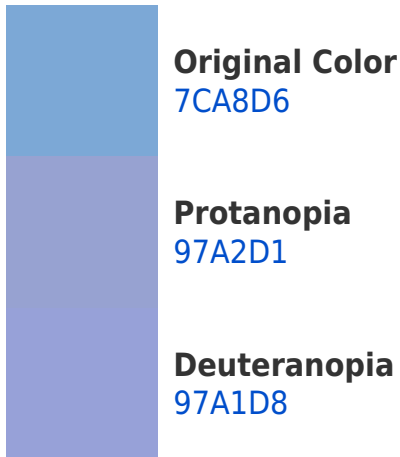


This preview shows how white text looks on a background with the Hex color 7CA8D6.

# Color Blindness Simulation

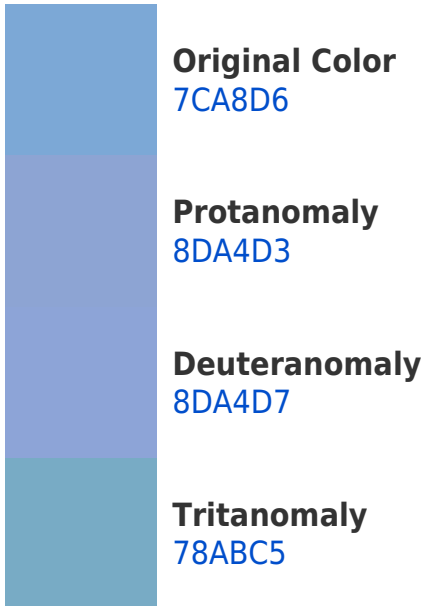
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

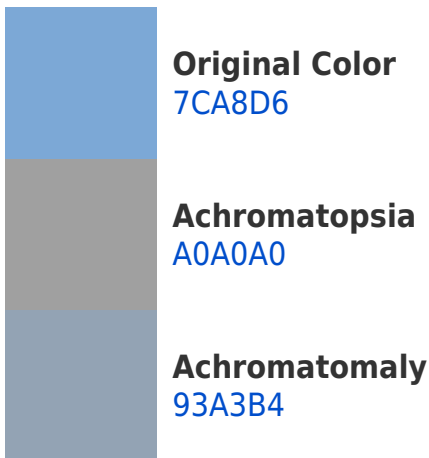




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7CA8D6 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 #7CA8D6 looks like.

```
.text, #text, p{  
    color:#7CA8D6  
}
```

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 #7CA8D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CA8D6
}
```

## Border

The CSS property to change the border of an element to Hex 7CA8D6 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
#7CA8D6 }
```

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

```
.border{ border-color:#7CA8D6 }
```

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

Here you see how a box with a 4 pixel #7CA8D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CA8D6; -webkit-box-shadow:4px 4px  
4px 4px #7CA8D6; box-shadow:4px 4px 4px  
4px #7CA8D6 }
```

# Background

The CSS property to change the background color of an element to Hex 7CA8D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CA8D6 }
```

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

```
.background{ background-color:#7CA8D6 }
```

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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