

# Converting Colors

Hex(7CACA6)

Have a look what the booklet for  
Hex(7CACA6) contains.

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# **Color**

**Hex(7CACA6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7CACA6
RGB	124, 172, 166
RGB Percent	49%, 67%, 65%
CMY	0.5137, 0.3255, 0.3490
CMYK	0.28, 0.00, 0.03, 0.33
HSL	172°, 22%, 58%
HSV	172°, 28%, 67%
XYZ	29.9476, 36.5433, 41.5515
YIQ	156.9640, -26.6820, -12.0420

# Conversions

## Conversions Part 2

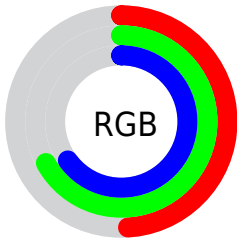
Format	Color
<a href="#">RYB</a>	<a href="#">124, 150, 172</a>
Decimal	<a href="#">8170662</a>
CIELab	<a href="#">66.93, -17.24, -2.08</a>
CIElCh	<a href="#">67, 17.361, 186.882</a>
Yxy	<a href="#">36.5433, 0.2772, 0.3382</a>
Android (android.graphics.Color)	<a href="#">4286360742</a> (0xFF7CACA6)
YUV	<a href="#">156.9640, 4.4547, -28.9094</a>
Hunter-Lab	<a href="#">60.4511, -17.3599, 1.5623</a>

# Details

The Hex color **7CACA6** is a light color, and the websafe version is hex **669999**. A complement of this color would be **AC7C82**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **B2E4DD**, and **497872** is the 20% darker color. If you saturate the color by 10%, you get **6BACA4**, and if you desaturate by 10%, it is **8DAC8**.

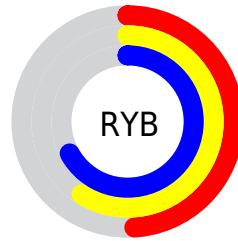
# Distribution



Red (49%)

Green (67%)

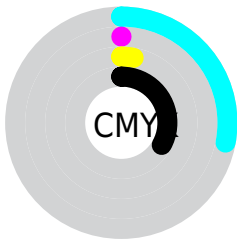
Blue (65%)



Red (49%)

Yellow (59%)

Blue (67%)

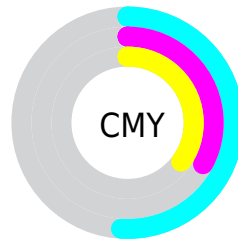


Cyan (28%)

Magenta (0%)

Yellow (3%)

Black (33%)



Cyan (51%)

Magenta (33%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7CACA6 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 7CACA6 by changing the saturation by 10% instead.



 7CACA6

 7CACA6

FFFFFF

 62918C

 B2E4DD

 497872

 CEFFFA

 305F5A

 EAFFFF

 174742

 00302C

 001C18

 000000

 7CACA6

 7CACA6

 6BACA4

 8DACA8

■ 5AACA2

■ 9EACAA

■ 48ACA0

■ B0ACAC

■ 37AC9D

■ C1ACAF

■ 26AC9B

■ D2ACB1

■ 15AC99

■ E3ACB3

■ 04AC97

■ F4ACB5

■ 00AC97

■ FFACB7

■ FFACB9

# Harmonies

## Analogous

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



89AB96



7CACA6



79ABB5

# Triad

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



7CACA6



AA9EBC



BA9E87

# Complementary

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



7CACA6



AC7C82

# 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.



C29A91



7CACA6



BA99AF

# Square

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



7CACA6



96A3C2



C398A0



ABA384

# Rectangle

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



7CACA6



7FA9BC



C398A0



BE9C89



# Sweetspot

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



7CACA6



CEE0DE



82AC7C



65706F



F0F0F0



707070



# Same Dimension

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



7CACA6



96E0D7



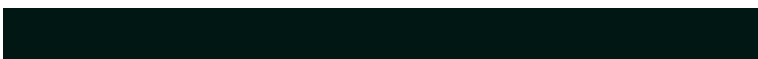
7C9AAC



4E5756



009684



001714



# Inverse Universe

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



AC7C82



E096A0



AC8E7C



574E4F



960013



170003



# Previews

## White Background



This preview shows how the Hex color 7CACA6 looks on a white background.

## Color Contrast Check

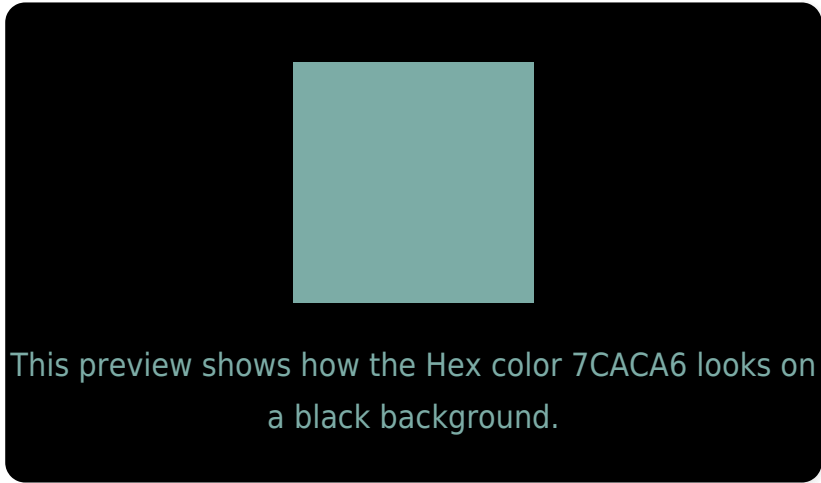
Large Text (above 18pt) WCAG AA × Fail

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 7CACA6 Background



This preview shows how black text looks on a background with the Hex color 7CACA6.

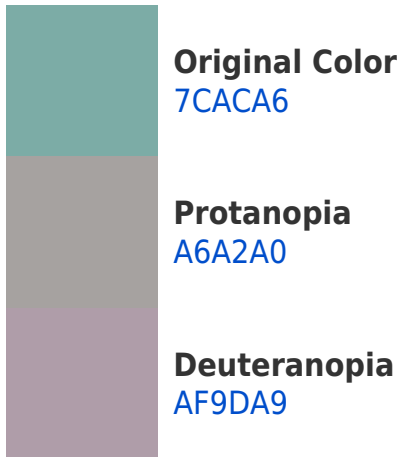


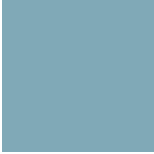
This preview shows how white text looks on a background with the Hex color 7CACA6.

# 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](#).

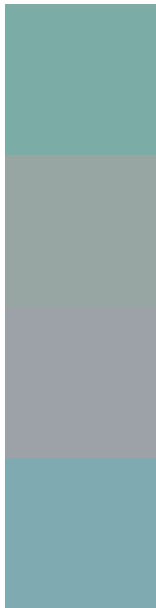
## Dichromacy





**Tritanopia**  
80A9B7

# Trichromacy



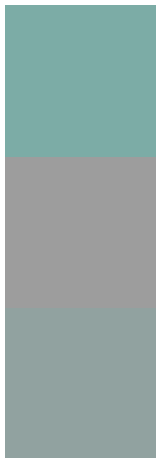
**Original Color**  
7CACA6

**Protanomaly**  
97A6A2

**Deuteranomaly**  
9CA2A8

**Tritanomaly**  
7FAAB1

# Monochromacy



**Original Color**  
7CACA6

**Achromatopsia**  
9D9D9D

**Achromatomaly**  
91A2A0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7CACA6 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 #7CACA6 looks like.

```
.text, #text, p{  
    color:#7CACA6  
}
```

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 #7CACA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CACA6
}
```

## Border

The CSS property to change the border of an element to Hex 7CACA6 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
#7CACA6 }
```

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

```
.border{ border-color:#7CACA6 }
```

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

Here you see how a box with a 4 pixel #7CACA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CACA6; -webkit-box-shadow:4px 4px  
4px 4px #7CACA6; box-shadow:4px 4px 4px  
4px #7CACA6 }
```

# Background

The CSS property to change the background color of an element to Hex 7CACA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CACA6 }
```

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

```
.background{ background-color:#7CACA6 }
```

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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