

# Converting Colors

Hex(7CA585)

Have a look what the booklet for  
Hex(7CA585) contains.

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# **Color**

**Hex(7CA585)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7CA585
RGB	124, 165, 133
RGB Percent	49%, 65%, 52%
CMY	0.5137, 0.3529, 0.4784
CMYK	0.25, 0.00, 0.19, 0.35
HSL	133°, 19%, 57%
HSV	133°, 25%, 65%
XYZ	26.0010, 32.8888, 27.1681
YIQ	149.0930, -14.1640, -18.6440

# Conversions

## Conversions Part 2

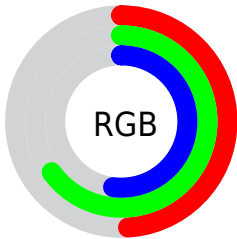
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">124, 158, 165</a>
Decimal	<a href="#">8168837</a>
CIELab	<a href="#">64.07, -20.55, 12.14</a>
CIElCh	<a href="#">64, 23.872, 149.427</a>
Yxy	<a href="#">32.8888, 0.3021, 0.3822</a>
Android (android.graphics.Color)	<a href="#">4286358917 (0xFF7CA585)</a>
YUV	<a href="#">149.0930, -7.9338, -22.0066</a>
Hunter-Lab	<a href="#">57.3488, -19.4315, 12.0564</a>

# Details

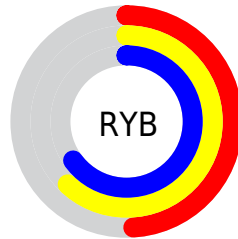
The Hex color **7CA585** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A57C9C**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **B1DCBA**, and **4A7153** is the 20% darker color. If you saturate the color by 10%, you get **6BA578**, and if you desaturate by 10%, it is **8CA592**.

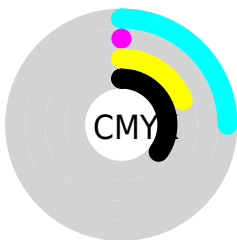
# Distribution



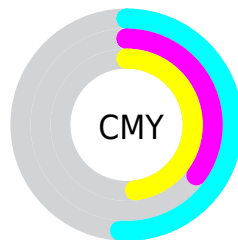
- Red (49%)
- Green (65%)
- Blue (52%)



- Red (49%)
- Yellow (62%)
- Blue (65%)



- Cyan (25%)
- Magenta (0%)
- Yellow (19%)
- Black (35%)



- Cyan (51%)
- Magenta (35%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7CA585 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 7CA585 by changing the saturation by 10% instead.





7CA585



7CA585

FFFFFF



638B6C



B1DCBA



4A7153



CDF9D6



32583C



E9FFF2



1B4126



032A12



001700



000000



7CA585



7CA585



6BA578



8CA592

 5BA56B

 9DA59F

 4AA55E

 ADA5AC

 3AA551

 BEA5B9

 2AA545

 CEA5C5

 19A538

 DFA5D2

 08A52B

 EFA5DF

 00A524

 FFA5EC

 FFA5F9

# Harmonies

## Analogous

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



94A076



7CA585



66A79A

# Triad

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



7CA585



809DC5



C68D87

# Complementary

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



7CA585



A57C9C

# 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.



C48C9C



7CA585



9E96C0

# Square

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



7CA585



66A3BF



B68FB1



BD9377

# Rectangle

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



7CA585



5DA7A9



B68FB1



C78C8E



# Sweetspot

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



7CA585



C7D6CA



9CA57C



636B64



EBEBEB



6B6B6B



# Same Dimension

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



7CA585



96D6A4



7CA599



49524B



009120



001204



# Inverse Universe

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



A57C9C



D696C8



A57C88



524950



910071



12000E



# Previews

## White Background



This preview shows how the Hex color 7CA585 looks on a white background.

## Color Contrast Check

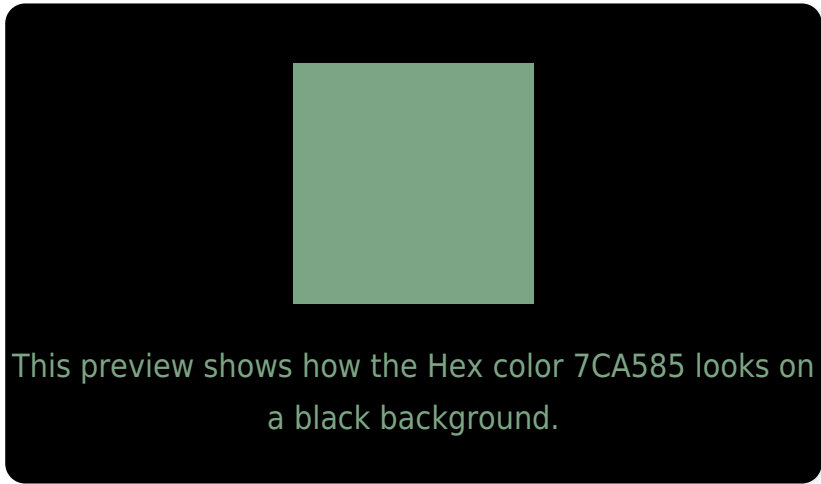
Large Text (above 18pt) WCAG AA × Fail

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

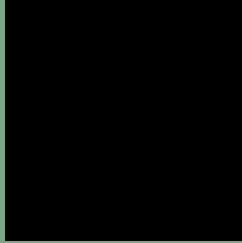
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7CA585 Background



This preview shows how black text looks on a background with the Hex color 7CA585.



This preview shows how white text looks on a background with the Hex color 7CA585.

# 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](#).

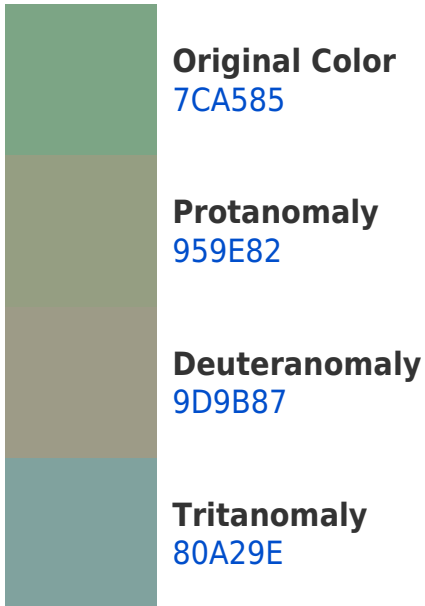
## Dichromacy



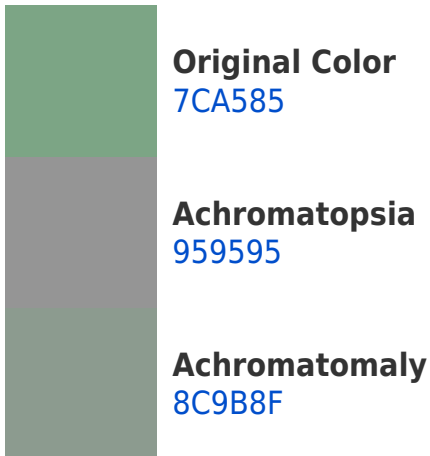


**Tritanopia**  
83A0AC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7CA585 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 #7CA585 looks like.

```
.text, #text, p{  
    color:#7CA585  
}
```

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 #7CA585 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CA585
}
```

## Border

The CSS property to change the border of an element to Hex 7CA585 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
#7CA585 }
```

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

```
.border{ border-color:#7CA585 }
```

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

Here you see how a box with a 4 pixel #7CA585 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CA585; -webkit-box-shadow:4px 4px  
4px 4px #7CA585; box-shadow:4px 4px 4px  
4px #7CA585 }
```

# Background

The CSS property to change the background color of an element to Hex 7CA585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CA585 }
```

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

```
.background{ background-color:#7CA585 }
```

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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