

# Converting Colors

Hex(8CACA7)

Have a look what the booklet for  
Hex(8CACA7) contains.

<b>Hex(8CACA7)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(8CACA7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8CACA7
RGB	140, 172, 167
RGB Percent	55%, 67%, 65%
CMY	0.4510, 0.3255, 0.3451
CMYK	0.19, 0.00, 0.03, 0.33
HSL	171°, 16%, 61%
HSV	171°, 19%, 67%
XYZ	32.5428, 37.8705, 42.1538
YIQ	161.8620, -17.4670, -8.3390

# Conversions

## Conversions Part 2

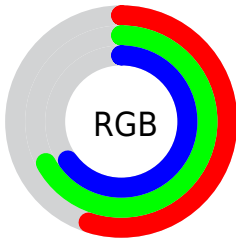
Format	Color
<a href="#">RYB</a>	<a href="#">140, 157, 172</a>
Decimal	<a href="#">9219239</a>
CIELab	<a href="#">67.93, -11.95, -1.07</a>
CIElCh	<a href="#">68, 12.002, 185.102</a>
Yxy	<a href="#">37.8705, 0.2891, 0.3364</a>
Android (android.graphics.Color)	<a href="#">4287409319</a> ( <a href="#">0xFF8CACA7</a> )
YUV	<a href="#">161.8620, 2.5330, -19.1730</a>
Hunter-Lab	<a href="#">61.5390, -13.2997, 2.4641</a>

# Details

The Hex color **8CACA7** is a light color, and the websafe version is hex **669999**. A complement of this color would be **AC8C91**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **C2E3DE**, and **597873** is the 20% darker color. If you saturate the color by 10%, you get **7BACA4**, and if you desaturate by 10%, it is **9DACAA**.

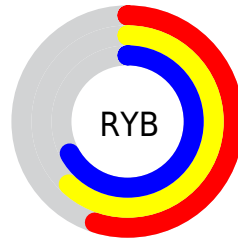
# Distribution



Red (55%)

Green (67%)

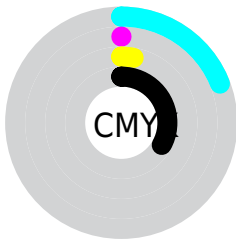
Blue (65%)



Red (55%)

Yellow (62%)

Blue (67%)

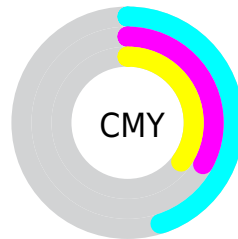


Cyan (19%)

Magenta (0%)

Yellow (3%)

Black (33%)



Cyan (45%)

Magenta (33%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8CACA7 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 8CACA7 by changing the saturation by 10% instead.





8CACA7



8CACA7

FFFFFF



72918D



C2E3DE



597873



DEFFFB



415F5B



FBFFFF



2A4743



14312D



001C18



000000



8CACA7



8CACA7



7BACA4



9DACAA

 6AACA2

 AEACAC

 58AC9F

 C0ACAF

 47AC9C

 D1ACB2

 36AC9A

 E2ACB4

 25AC97

 F3ACB7

 14AC94

 FFACBA

 02AC91

 FFACBD

 00AC91

 FFACBF

# Harmonies

## Analogous

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



94AB9C



8CACA7



8AABB2

# Triad

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



8CACA7



AAA2B7



B7A292

# Complementary

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



8CACA7



AC8C91

# 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.



BC9F9A



8CACA7



B59FAF

# Square

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



8CACA7



9CA6BB



BC9EA4



ADA590

# Rectangle

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



8CACA7



8EAAB7



BC9EA4



B9A194



# Sweetspot

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



8CACA7



D3E0DE



91AC8C



68706F



F0F0F0



707070



# Same Dimension

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



8CACA7



AFE0D9



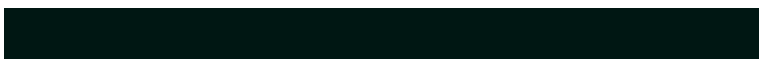
8CA1AC



4E5755



00967F



001713



# Inverse Universe

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



AC8C91



E0AFB7



AC978C



574E4F



960018



170004



# Previews

## White Background



This preview shows how the Hex color 8CACA7 looks on a white background.

## Color Contrast Check

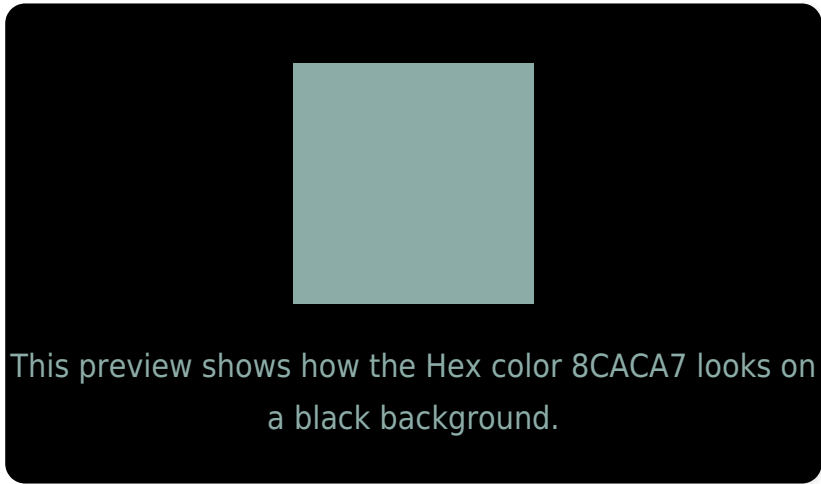
Large Text (above 18pt) WCAG AA × Fail

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

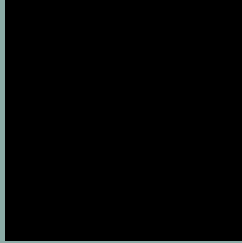
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

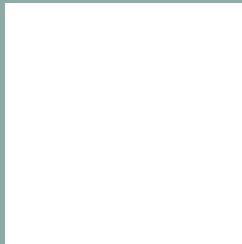
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8CACA7 Background



This preview shows how black text looks on a background with the Hex color 8CACA7.

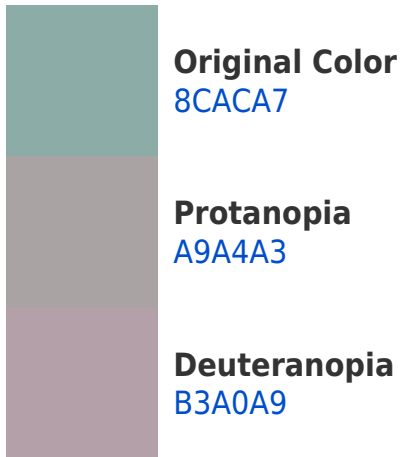


This preview shows how white text looks on a background with the Hex color 8CACA7.

# 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](#).

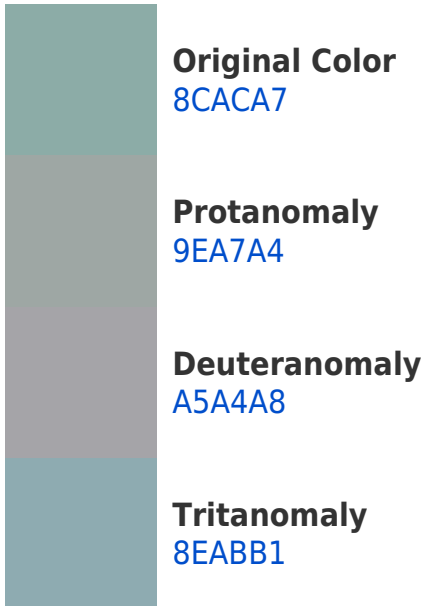
## Dichromacy



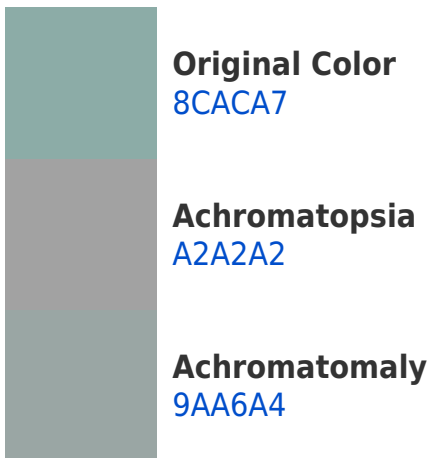


**Tritanopia**  
8FAAB7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8CACA7 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 #8CACA7 looks like.

```
.text, #text, p{  
    color:#8CACA7  
}
```

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 #8CACA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8CACA7
}
```

## Border

The CSS property to change the border of an element to Hex 8CACA7 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
#8CACA7 }
```

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

```
.border{ border-color:#8CACA7 }
```

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

Here you see how a box with a 4 pixel #8CACA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8CACA7; -webkit-box-shadow:4px 4px  
4px 4px #8CACA7; box-shadow:4px 4px 4px  
4px #8CACA7 }
```

# Background

The CSS property to change the background color of an element to Hex 8CACA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8CACA7 }
```

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

```
.background{ background-color:#8CACA7 }
```

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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