

# Converting Colors

Hex(9CADA6)

Have a look what the booklet for  
Hex(9CADA6) contains.

<b>Hex(9CADA6)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(9CADA6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9CADA6
RGB	156, 173, 166
RGB Percent	61%, 68%, 65%
CMY	0.3882, 0.3216, 0.3490
CMYK	0.10, 0.00, 0.04, 0.32
HSL	155°, 9%, 65%
HSV	155°, 10%, 68%
XYZ	35.5368, 39.7082, 41.8679
YIQ	167.1190, -7.8850, -5.7810

# Conversions

## Conversions Part 2

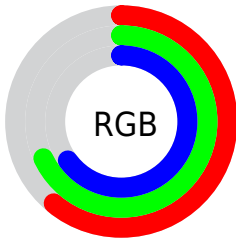
Format	Color
R <sub>YB</sub>	156, 167, 173
Decimal	10268070
CIE Lab	69.26, -7.30, 1.57
CIE LCh	69, 7.466, 167.887
Yxy	39.7082, 0.3034, 0.3391
Android (android.graphics.Color)	4288458150 (0xFF9CADA6)
YUV	167.1190, -0.5517, -9.7514
Hunter-Lab	63.0145, -9.6108, 4.7169

# Details

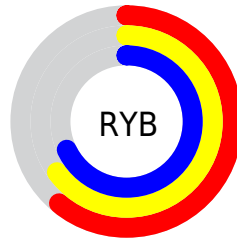
The Hex color **9CADA6** is a light color, and the websafe version is hex **999999**. A complement of this color would be **AD9CA3**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **D3E4DD**, and **697972** is the 20% darker color. If you saturate the color by 10%, you get **8BAD9F**, and if you desaturate by 10%, it is **ADADAD**.

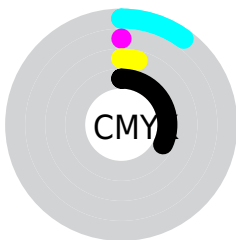
# Distribution



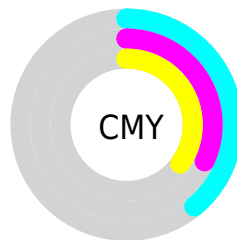
- Red (61%)
- Green (68%)
- Blue (65%)



- Red (61%)
- Yellow (65%)
- Blue (68%)



- Cyan (10%)
- Magenta (0%)
- Yellow (4%)
- Black (32%)



- Cyan (39%)
- Magenta (32%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9CADA6 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 9CADA6 by changing the saturation by 10% instead.





9CADA6



9CADA6

FFFFFF



82928C



D3E4DD



697972



EFFFFA



51605A



394842



24322C



0F1D18



000000



9CADA6



9CADA6



8BAD9F



ADADAD

 79AD98

 BFADB4

 68AD91

 D0ADBB

 57AD8A

 E1ADC2

 46AD82

 F3ADCA

 34AD7B

 FFADD1

 23AD74

 FFADD8

 12AD6D

 FFADDF

 00AD66

 FFADE6

# Harmonies

## Analogous

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



A3ACA0



9CADA6



99ADAD

# Triad

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



9CADA6



A7A8B6



B7A69F

# Complementary

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



9CADA6



AD9CA3

# 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.



B8A5A5



9CADA6



AFA6B2

# Square

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



9CADA6



9FAAB6



B5A5AC



B2A89C

# Rectangle

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



9CADA6



99ADB1



B5A5AC



B7A5A1



# Sweetspot

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



9CADA6



DAE0DE



A3AD9C



6C706E



F0F0F0



707070



# Same Dimension

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



9CADA6



C5E0D5



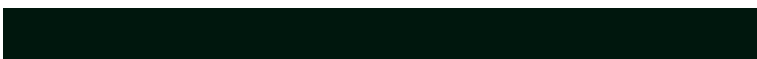
9CACAD



4E5753



009658



00170D



# Inverse Universe

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



AD9CA3



E0C5D1



AD9D9C



574E52



96003E

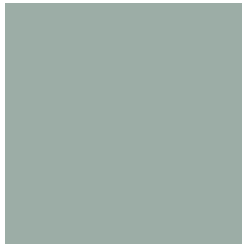


170009



# Previews

## White Background



This preview shows how the Hex color 9CADA6 looks on a white background.

## Color Contrast Check

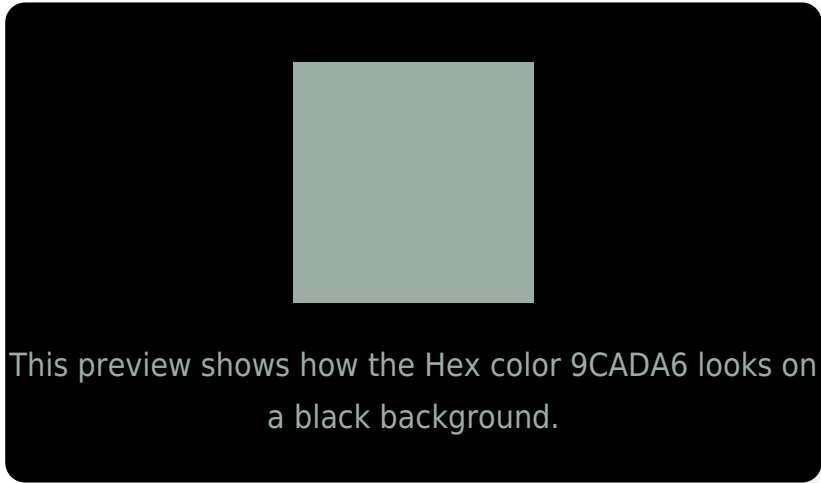
Large Text (above 18pt) WCAG AA × Fail

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

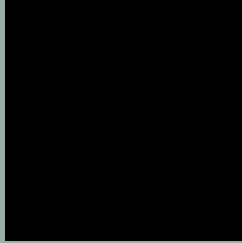
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

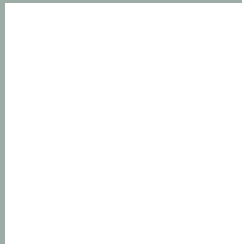
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9CADA6 Background



This preview shows how black text looks on a background with the Hex color 9CADA6.



This preview shows how white text looks on a background with the Hex color 9CADA6.

# 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**  
9FAAB8

# Trichromacy



**Original Color**  
9CADA6

**Protanomaly**  
A7AAA4

**Deuteranomaly**  
AEA7A7

**Tritanomaly**  
9EABB1

# Monochromacy



**Original Color**  
9CADA6

**Achromatopsia**  
A7A7A7

**Achromatomaly**  
A3A9A7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9CADA6 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 #9CADA6 looks like.

```
.text, #text, p{  
    color:#9CADA6  
}
```

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 #9CADA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CADA6
}
```

## Border

The CSS property to change the border of an element to Hex 9CADA6 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
#9CADA6 }
```

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

```
.border{ border-color:#9CADA6 }
```

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

Here you see how a box with a 4 pixel #9CADA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CADA6; -webkit-box-shadow:4px 4px  
4px 4px #9CADA6; box-shadow:4px 4px 4px  
4px #9CADA6 }
```

# Background

The CSS property to change the background color of an element to Hex 9CADA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CADA6 }
```

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

```
.background{ background-color:#9CADA6 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor