

# Converting Colors

Hex(96AC9C)

Have a look what the booklet for  
Hex(96AC9C) contains.

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# **Color**

**Hex(96AC9C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	96AC9C
RGB	150, 172, 156
RGB Percent	59%, 67%, 61%
CMY	0.4118, 0.3255, 0.3882
CMYK	0.13, 0.00, 0.09, 0.33
HSL	136°, 12%, 63%
HSV	136°, 13%, 67%
XYZ	33.3310, 38.3894, 37.1057
YIQ	163.5980, -7.9760, -9.6400

# Conversions

## Conversions Part 2

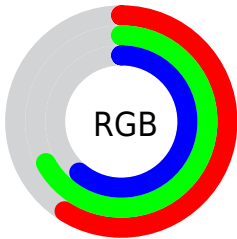
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">150, 167, 172</a>
Decimal	<a href="#">9874588</a>
CIELab	<a href="#">68.31, -10.80, 5.66</a>
CIElCh	<a href="#">68, 12.191, 152.345</a>
Yxy	<a href="#">38.3894, 0.3063, 0.3528</a>
Android (android.graphics.Color)	<a href="#">4288064668 (0xFF96AC9C)</a>
YUV	<a href="#">163.5980, -3.7458, -11.9254</a>
Hunter-Lab	<a href="#">61.9592, -12.4044, 7.8643</a>

# Details

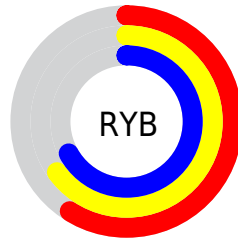
The Hex color **96AC9C** is a light color, and the websafe version is hex **999999**. A complement of this color would be **AC96A6**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **CCE3D2**, and **637869** is the 20% darker color. If you saturate the color by 10%, you get **85AC8F**, and if you desaturate by 10%, it is **A7ACA9**.

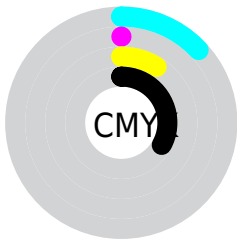
# Distribution



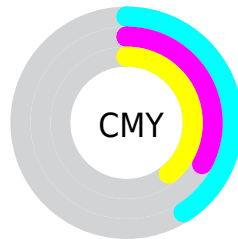
- Red (59%)
- Green (67%)
- Blue (61%)



- Red (59%)
- Yellow (65%)
- Blue (67%)



- Cyan (13%)
- Magenta (0%)
- Yellow (9%)
- Black (33%)



- Cyan (41%)
- Magenta (33%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 96AC9C 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 96AC9C by changing the saturation by 10% instead.



 96AC9C

 96AC9C

FFFFFF

 7C9182

 CCE3D2

 637869

 E8FFEF

 4B5F51

 34473A

 1E3124

 091C0F

 000000

 96AC9C

 96AC9C

 85AC8F

 A7ACA9

 74AC83

 B8ACB5

 62AC76

 CAACC2

 51AC6A

 DBACCE

 40AC5D

 ECACDB

 2FAC51

 FDACE7

 1EAC44

 FFACF4

 0CAC38

 FFACFF

 00AC2F

# Harmonies

## Analogous

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



A2A994



96AC9C



8DADA7

# Triad

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



96AC9C



9CA7BC



BEA09B

# Complementary

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



96AC9C



AC96A6

# 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.



BD9FA6



96AC9C



AAA3B9

# Square

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



96AC9C



90AABA



B6A0B1



B9A293

# Rectangle

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



96AC9C



8BADAE



B6A0B1



BE9F9F



# Sweetspot

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



96AC9C



D7E0DA



A6AC96



6B706C



F0F0F0



707070



# Same Dimension

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



96AC9C



BFE0C8



96ACA7



4E5750



009629



001706



# Inverse Universe

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



AC96A6



E0BFD7



AC969B



574E54



96006D



170011



# Previews

## White Background



This preview shows how the Hex color 96AC9C looks on a white background.

## Color Contrast Check

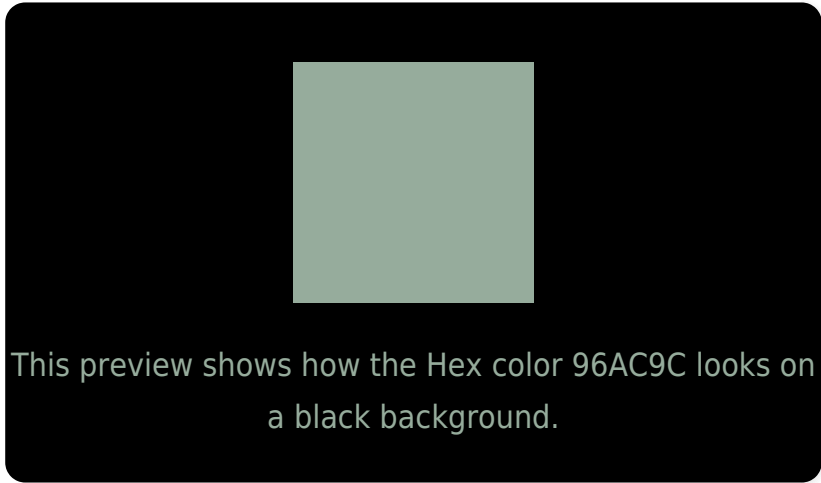
Large Text (above 18pt) WCAG AA × Fail

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

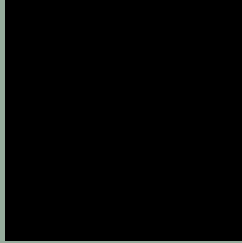
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 96AC9C Background



This preview shows how black text looks on a background with the Hex color 96AC9C.



This preview shows how white text looks on a background with the Hex color 96AC9C.

# 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](#).

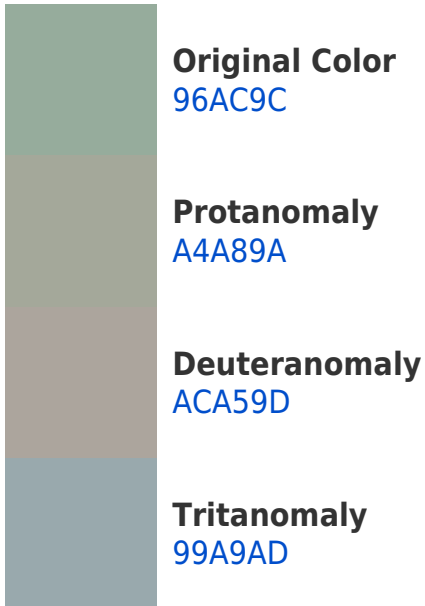
## Dichromacy



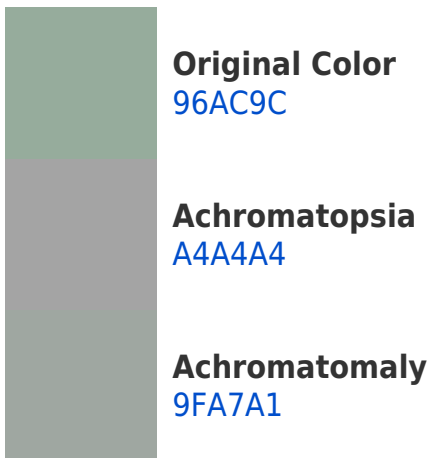


**Tritanopia**  
9AA8B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 96AC9C 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 #96AC9C looks like.

```
.text, #text, p{  
    color:#96AC9C  
}
```

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 #96AC9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96AC9C
}
```

## Border

The CSS property to change the border of an element to Hex 96AC9C 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
#96AC9C }
```

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

```
.border{ border-color:#96AC9C }
```

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

Here you see how a box with a 4 pixel #96AC9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96AC9C; -webkit-box-shadow:4px 4px  
4px 4px #96AC9C; box-shadow:4px 4px 4px  
4px #96AC9C }
```

# Background

The CSS property to change the background color of an element to Hex 96AC9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96AC9C }
```

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

```
.background{ background-color:#96AC9C }
```

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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