

# Converting Colors

Hex(96A68C)

Have a look what the booklet for  
Hex(96A68C) contains.

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# **Color**

**Hex(96A68C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	96A68C
RGB	150, 166, 140
RGB Percent	59%, 65%, 55%
CMY	0.4118, 0.3490, 0.4510
CMYK	0.10, 0.00, 0.16, 0.35
HSL	97°, 13%, 60%
HSV	97°, 16%, 65%
XYZ	30.9475, 35.6499, 30.0610
YIQ	158.2520, -1.1900, -11.4780

# Conversions

## Conversions Part 2

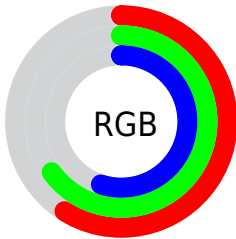
Format	Color
<a href="#">RYB</a>	<a href="#">140, 166, 156</a>
Decimal	<a href="#">9873036</a>
CIELab	<a href="#">66.25, -10.55, 11.58</a>
CIELCh	<a href="#">66, 15.670, 132.336</a>
Yxy	<a href="#">35.6499, 0.3202, 0.3688</a>
Android (android.graphics.Color)	<a href="#">4288063116</a> ( <a href="#">0xFF96A68C</a> )
YUV	<a href="#">158.2520, -8.9982, -7.2370</a>
Hunter-Lab	<a href="#">59.7076, -11.9684, 11.9446</a>

# Details

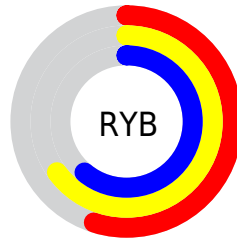
The Hex color **96A68C** is a light color, and the websafe version is hex **999999**. A complement of this color would be **9C8CA6**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **CCDDC2**, and **63725A** is the 20% darker color. If you saturate the color by 10%, you get **8CA67B**, and if you desaturate by 10%, it is **A0A69D**.

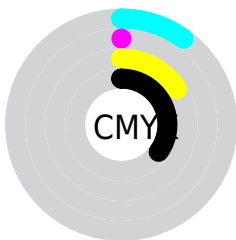
# Distribution



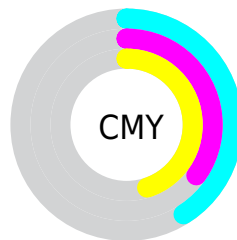
- Red (59%)
- Green (65%)
- Blue (55%)



- Red (55%)
- Yellow (65%)
- Blue (61%)



- Cyan (10%)
- Magenta (0%)
- Yellow (16%)
- Black (35%)



- Cyan (41%)
- Magenta (35%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 96A68C 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 96A68C by changing the saturation by 10% instead.





96A68C



96A68C

FFFFFF



7C8C72



CCDDC2



63725A



E8FADD



4B5A42



FFFFFA



34422C



1F2C17



081800



000000



96A68C



96A68C



8CA67B



A0A69D

 82A66B

 AAA6AD

 77A65A

 B5A6BE

 6DA64A

 BFA6CE

 63A639

 C9A6DF

 59A628

 D3A6F0

 4EA618

 DEA6FF

 44A607

 E8A6FF

 40A600

 F2A6FF

# Harmonies

## Analogous

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



A6A286



96A68C



87A998

# Triad

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



96A68C



88A5BB



BF979C

# Complementary

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



96A68C



9C8CA6

# 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.



B898AA



96A68C



99A0BC

# Square

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



96A68C



7DA8B3



AB9CB6



BD998F

# Rectangle

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



96A68C



80A9A2



AB9CB6



BD97A0



# Sweetspot

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



96A68C



D2D9CE



A69C8C



6A6E67



EDEDED



6E6E6E



# Same Dimension

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



96A68C



BFD9B0



8CA68F



4F544C



399400



081400



# Inverse Universe

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



9C8CA6



C9B0D9



A68CA3



514C54



5B0094



0D0014



# Previews

## White Background



This preview shows how the Hex color 96A68C looks on a white background.

## Color Contrast Check

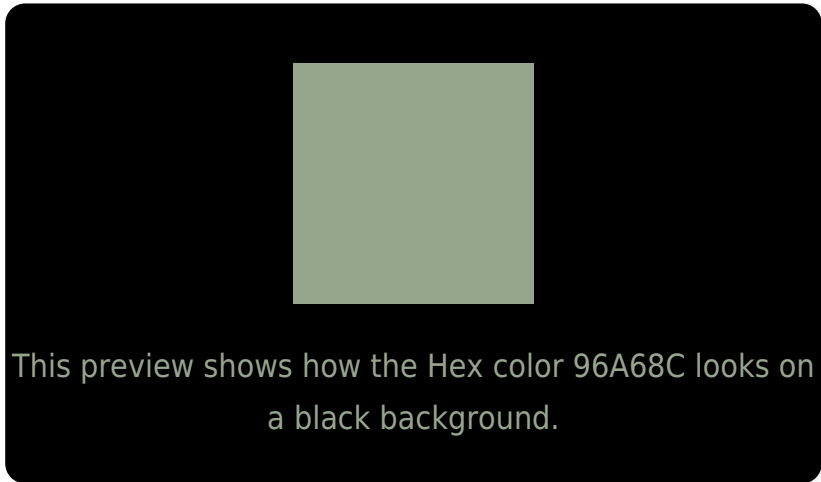
Large Text (above 18pt) WCAG AA × Fail

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

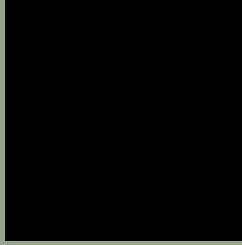
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

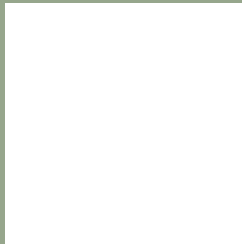
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 96A68C Background



This preview shows how black text looks on a background with the Hex color 96A68C.



This preview shows how white text looks on a background with the Hex color 96A68C.

# 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



**Original Color**  
96A68C

**Protanopia**  
A9A089

**Deuteranopia**  
B79B8E

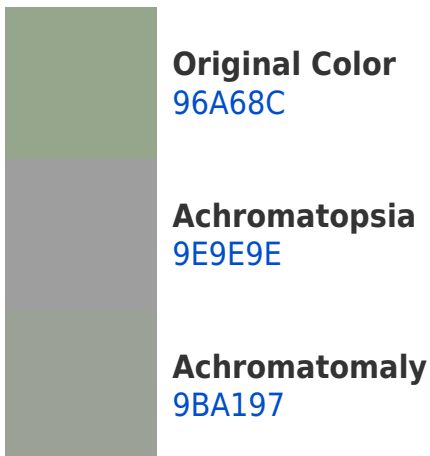


**Tritanopia**  
9BA1AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 96A68C 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 #96A68C looks like.

```
.text, #text, p{  
    color:#96A68C  
}
```

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 #96A68C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96A68C
}
```

## Border

The CSS property to change the border of an element to Hex 96A68C 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
#96A68C }
```

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

```
.border{ border-color:#96A68C }
```

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

Here you see how a box with a 4 pixel #96A68C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96A68C; -webkit-box-shadow:4px 4px  
4px 4px #96A68C; box-shadow:4px 4px 4px  
4px #96A68C }
```

# Background

The CSS property to change the background color of an element to Hex 96A68C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96A68C }
```

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

```
.background{ background-color:#96A68C }
```

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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