

# Converting Colors

Hex(96A787)

Have a look what the booklet for  
Hex(96A787) contains.

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# **Color**

**Hex(96A787)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	96A787
RGB	150, 167, 135
RGB Percent	59%, 65%, 53%
CMY	0.4118, 0.3451, 0.4706
CMYK	0.10, 0.00, 0.19, 0.35
HSL	92°, 15%, 59%
HSV	92°, 19%, 65%
XYZ	30.7696, 35.8707, 28.2237
YIQ	158.2690, 0.1400, -13.5560

# Conversions

## Conversions Part 2

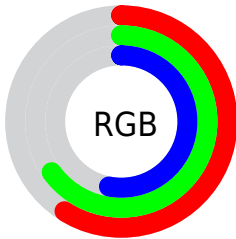
Format	Color
<a href="#">RYB</a>	<a href="#">135, 167, 152</a>
Decimal	<a href="#">9873287</a>
CIELab	<a href="#">66.42, -11.94, 14.58</a>
CIELCh	<a href="#">66, 18.851, 129.317</a>
Yxy	<a href="#">35.8707, 0.3244, 0.3781</a>
Android (android.graphics.Color)	<a href="#">4288063367 (0xFF96A787)</a>
YUV	<a href="#">158.2690, -11.4716, -7.2519</a>
Hunter-Lab	<a href="#">59.8922, -13.1071, 13.9846</a>

# Details

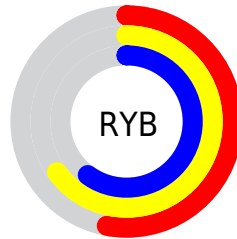
The Hex color **96A787** is a light color, and the websafe version is hex **999966**. A complement of this color would be **9887A7**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **CCDEBC**, and **637355** is the 20% darker color. If you saturate the color by 10%, you get **8DA776**, and if you desaturate by 10%, it is **9FA798**.

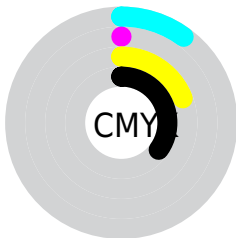
# Distribution



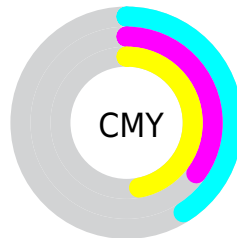
- Red (59%)
- Green (65%)
- Blue (53%)



- Red (53%)
- Yellow (65%)
- Blue (60%)



- Cyan (10%)
- Magenta (0%)
- Yellow (19%)
- Black (35%)



- Cyan (41%)
- Magenta (35%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 96A787 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 96A787 by changing the saturation by 10% instead.





96A787



96A787

FFFFFF



7C8D6E



CCDEBC



637355



E9FBD8



4B5A3E



FFFFF5



344328



1E2D13



051900



000000



96A787



96A787



8DA776



9FA798

 84A766

 A8A7A8

 7BA755

 B1A7B9

 73A744

 B9A7CA

 6AA734

 C2A7DA

 61A723

 CBA7EB

 58A712

 D4A7FC

 4FA701

 DDA7FF

 4EA700

 E6A7FF

# Harmonies

## Analogous

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



A9A280



96A787



83AA95

# Triad

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



96A787



80A6C1



C4969D

# Complementary

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



96A787



9887A7

# 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.



BC97AE



96A787



95A1C3

# Square

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



96A787



74AAB6



AB9BBC



C3988D

# Rectangle

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



96A787



7AABA0



AB9BBC



C396A3



# Sweetspot

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



96A787



D2D9CC



A79887



6A6E66



EDEDED



6E6E6E



# Same Dimension

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



96A787



BED9A7



87A788



50544C



459400



0A1400



# Inverse Universe

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



9887A7



C1A7D9



A787A6



504C54



4F0094

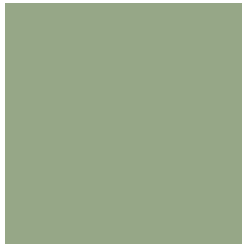


0B0014



# Previews

## White Background



This preview shows how the Hex color 96A787 looks on a white background.

## Color Contrast Check

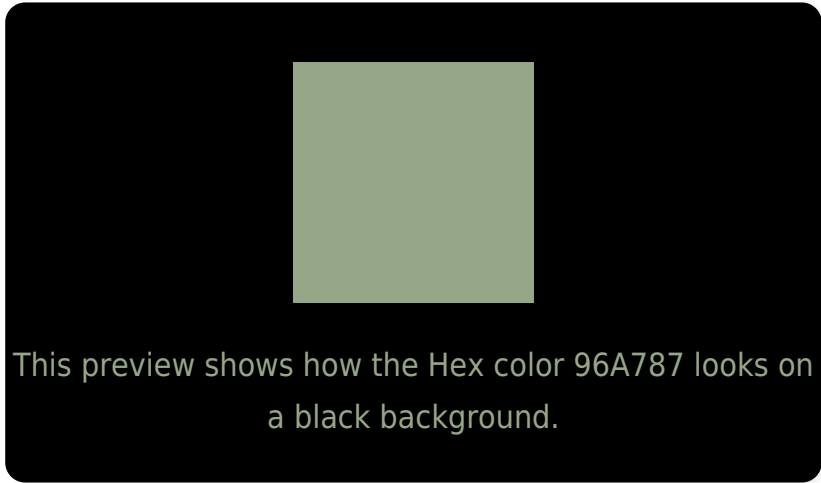
Large Text (above 18pt) WCAG AA × Fail

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

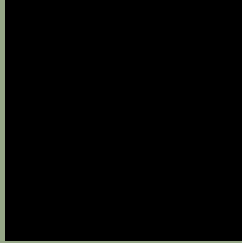
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 96A787 Background



This preview shows how black text looks on a background with the Hex color 96A787.



This preview shows how white text looks on a background with the Hex color 96A787.

# 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**  
96A787

**Protanopia**  
ABA184

**Deuteranopia**  
B99B89

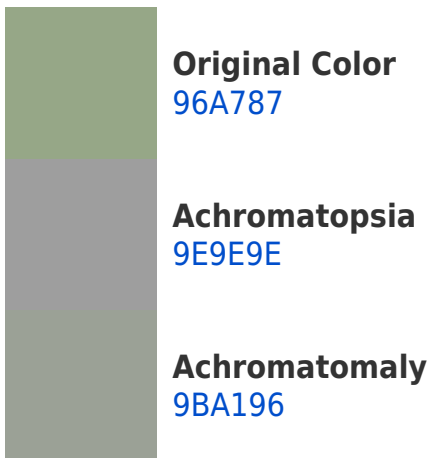


**Tritanopia**  
9CA2AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 96A787 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 #96A787 looks like.

```
.text, #text, p{  
    color:#96A787  
}
```

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 #96A787 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96A787
}
```

## Border

The CSS property to change the border of an element to Hex 96A787 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
#96A787 }
```

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

```
.border{ border-color:#96A787 }
```

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

Here you see how a box with a 4 pixel #96A787 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96A787; -webkit-box-shadow:4px 4px  
4px 4px #96A787; box-shadow:4px 4px 4px  
4px #96A787 }
```

# Background

The CSS property to change the background color of an element to Hex 96A787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96A787 }
```

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

```
.background{ background-color:#96A787 }
```

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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