

# Converting Colors

Hex(9BA985)

Have a look what the booklet for  
Hex(9BA985) contains.

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# **Color**

**Hex(9BA985)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BA985
RGB	155, 169, 133
RGB Percent	61%, 66%, 52%
CMY	0.3922, 0.3373, 0.4784
CMYK	0.08, 0.00, 0.21, 0.34
HSL	83°, 17%, 59%
HSV	83°, 21%, 66%
XYZ	31.9392, 37.0380, 27.6560
YIQ	160.7100, 3.2120, -14.1640

# Conversions

## Conversions Part 2

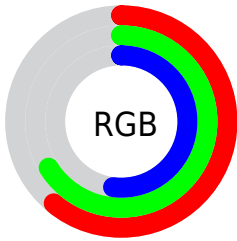
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	133, 169, 147
Decimal	10201477
CIE Lab	67.31, -11.46, 16.97
CIE LCh	67, 20.477, 124.032
Yxy	37.0380, 0.3305, 0.3833
Android (android.graphics.Color)	4288391557 (0xFF9BA985)
YUV	160.7100, -13.6610, -5.0077
Hunter-Lab	60.8588, -12.8247, 15.6581

# Details

The Hex color **9BA985** is a light color, and the websafe version is hex **999966**. A complement of this color would be **9385A9**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **D2E0BA**, and **687553** is the 20% darker color. If you saturate the color by 10%, you get **94A974**, and if you desaturate by 10%, it is **A2A996**.

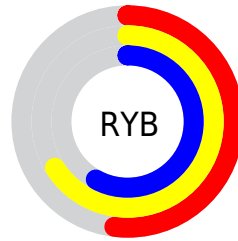
# Distribution



Red (61%)

Green (66%)

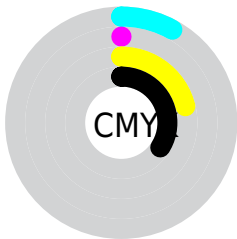
Blue (52%)



Red (52%)

Yellow (66%)

Blue (58%)

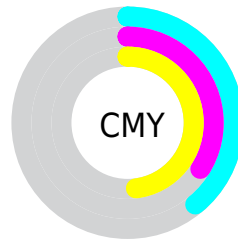


Cyan (8%)

Magenta (0%)

Yellow (21%)

Black (34%)



Cyan (39%)

Magenta (34%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9BA985 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 9BA985 by changing the saturation by 10% instead.





9BA985



9BA985

FFFFFF



818F6C



D2E0BA



687553



EEFDD6



4F5C3C



FFFFFF2



384526



222E11



0B1A00



000000



9BA985



9BA985



94A974



A2A996

 8EA963

 A8A9A7

 87A952

 AFA9B8

 81A941

 B5A9C9

 7AA930

 BCA9D9

 74A920

 C2A9EA

 6DA90F

 C9A9FB

 67A900

 D0A9FF

 D6A9FF

# Harmonies

## Analogous

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



AFA37F



9BA985



86AD93

# Triad

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



9BA985



7BAAC4



C997A2

# Complementary

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



9BA985



9385A9

# 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.



BE99B4



9BA985



92A5C8

# Square

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



9BA985



71AEB8



AA9EC2



C99890

# Rectangle

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



9BA985



7AAE9F



AA9EC2



C697A8



# Sweetspot

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



9BA985



D6DBCE



A99385



6B6E66



EDEDED



6E6E6E



# Same Dimension

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



9BA985



C5DBA2



89A985



51544C



5A9400



0C1400



# Inverse Universe

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



9385A9



B8A2DB



A585A9



4F4C54



3A0094

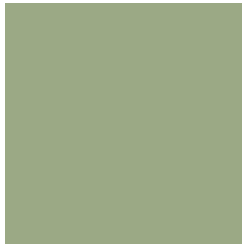


080014



# Previews

## White Background



This preview shows how the Hex color 9BA985 looks on a white background.

## Color Contrast Check

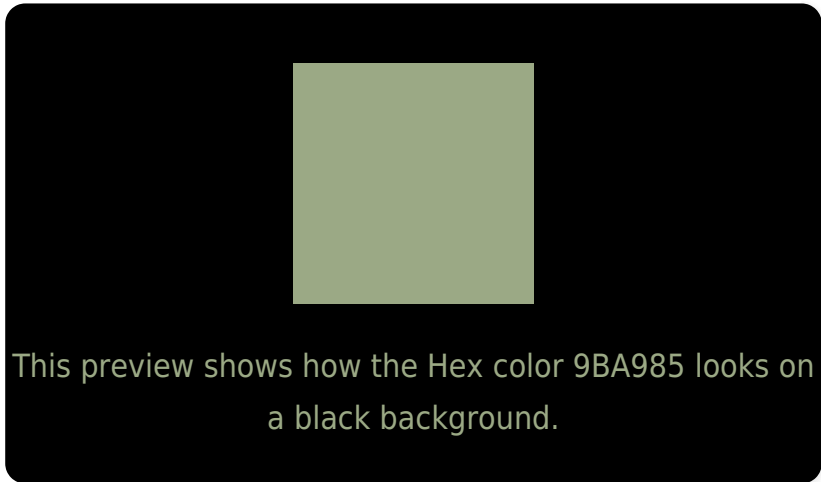
Large Text (above 18pt) WCAG AA × Fail

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

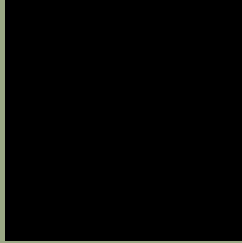
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9BA985 Background



This preview shows how black text looks on a background with the Hex color 9BA985.



This preview shows how white text looks on a background with the Hex color 9BA985.

# 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**  
9BA985

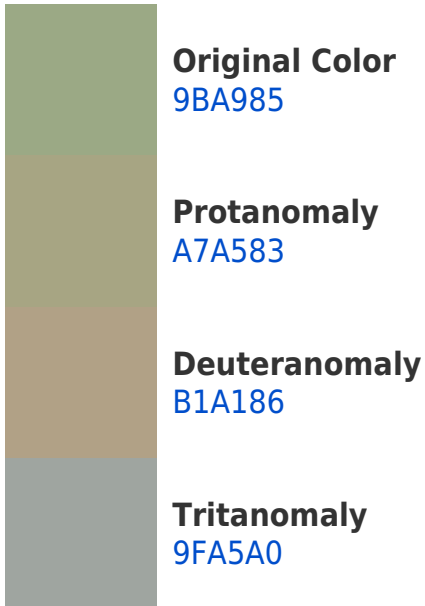
**Protanopia**  
AEA382

**Deuteranopia**  
BD9D87

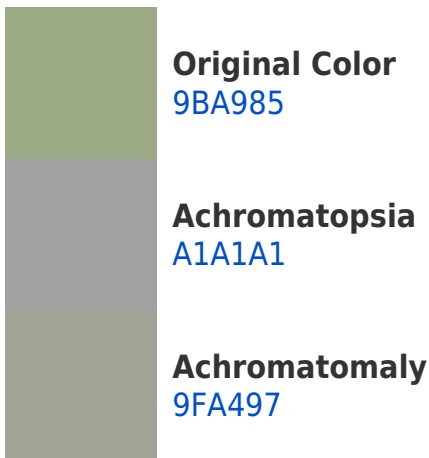


**Tritanopia**  
A1A3B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9BA985 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 #9BA985 looks like.

```
.text, #text, p{  
    color:#9BA985  
}
```

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 #9BA985 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BA985
}
```

## Border

The CSS property to change the border of an element to Hex 9BA985 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
#9BA985 }
```

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

```
.border{ border-color:#9BA985 }
```

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

Here you see how a box with a 4 pixel #9BA985 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BA985; -webkit-box-shadow:4px 4px  
4px 4px #9BA985; box-shadow:4px 4px 4px  
4px #9BA985 }
```

# Background

The CSS property to change the background color of an element to Hex 9BA985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BA985 }
```

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

```
.background{ background-color:#9BA985 }
```

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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