

# Converting Colors

Hex(9AA499)

Have a look what the booklet for  
Hex(9AA499) contains.

<b>Hex(9AA499)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(9AA499)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9AA499
RGB	154, 164, 153
RGB Percent	60%, 64%, 60%
CMY	0.3961, 0.3569, 0.4000
CMYK	0.06, 0.00, 0.07, 0.36
HSL	115°, 6%, 62%
HSV	115°, 7%, 64%
XYZ	32.3517, 35.7209, 35.3267
YIQ	159.7560, -2.4290, -5.5410

# Conversions

## Conversions Part 2

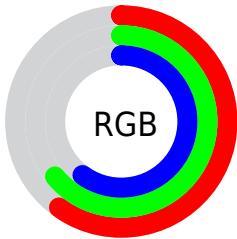
Format	Color
<a href="#">RYB</a>	<a href="#">153, 164, 163</a>
Decimal	<a href="#">10134681</a>
CIELab	<a href="#">66.31, -5.66, 4.48</a>
CIElCh	<a href="#">66, 7.219, 141.661</a>
Yxy	<a href="#">35.7209, 0.3129, 0.3455</a>
Android (android.graphics.Color)	<a href="#">4288324761 (0xFF9AA499)</a>
YUV	<a href="#">159.7560, -3.3307, -5.0480</a>
Hunter-Lab	<a href="#">59.7669, -7.9706, 6.7921</a>

# Details

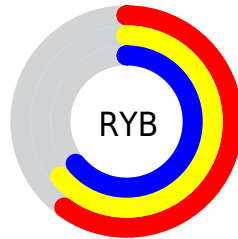
The Hex color **9AA499** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A399A4**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **D0DBC9**, and **677066** is the 20% darker color. If you saturate the color by 10%, you get **8BA489**, and if you desaturate by 10%, it is **A9A4A9**.

# Distribution



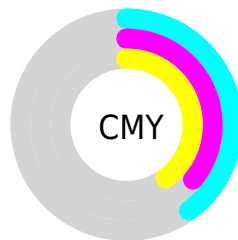
- Red (60%)
- Green (64%)
- Blue (60%)



- Red (60%)
- Yellow (64%)
- Blue (64%)



- Cyan (6%)
- Magenta (0%)
- Yellow (7%)
- Black (36%)



- Cyan (40%)
- Magenta (36%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9AA499 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 9AA499 by changing the saturation by 10% instead.





9AA499



9AA499

FFFFFF



808A7F



D0DBC F



677066



EDF7EC



4F584E



384137



232B22



0D160C



000000



9AA499



9AA499



8BA489



A9A4A9

 7CA478

 B8A4BA

 6DA468

 C7A4CA

 5EA457

 D6A4DB

 4FA447

 E5A4EB

 41A437

 F3A4FB

 32A426

 FFA4FF

 23A416

 14A405

# Harmonies

## Analogous

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



A1A295



9AA499



94A59F

# Triad

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



9AA499



99A2AE



B09D9D

# Complementary

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



9AA499



A399A4

# 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.



AE9DA3



9AA499



A0A0AD

# Square

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



9AA499



93A4AB



A89EA9



AE9E97

# Rectangle

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



9AA499



92A5A4



A89EA9



AF9D9F



# Sweetspot

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



9AA499



D2D6D2



A4A399



696B69



EBEBEB



6B6B6B



# Same Dimension

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



9AA499



C7D6C5



99A49D



4A5249



0D9100



021200



# Inverse Universe

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



A399A4



D5C5D6



A499A0



514952



840091

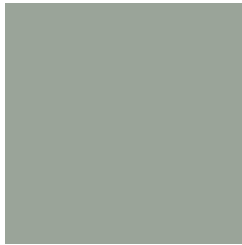


100012



# Previews

## White Background



This preview shows how the Hex color 9AA499 looks on a white background.

## Color Contrast Check

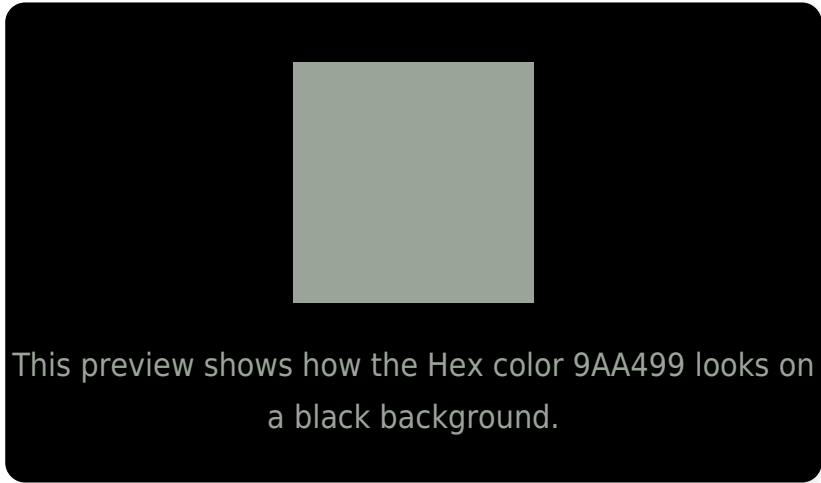
Large Text (above 18pt) WCAG AA × Fail

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

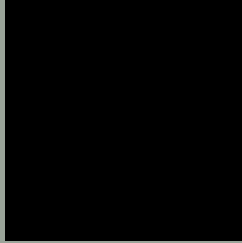
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

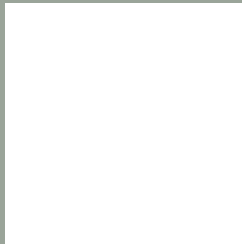
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9AA499 Background



This preview shows how black text looks on a background with the Hex color 9AA499.

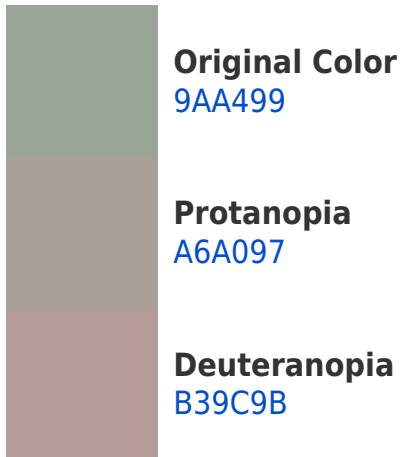


This preview shows how white text looks on a background with the Hex color 9AA499.

# 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](#).

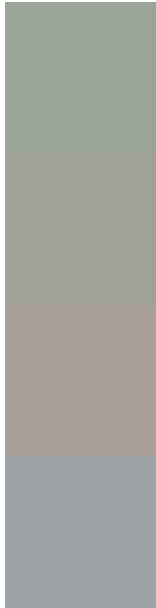
## Dichromacy





**Tritanopia**  
9DA1AE

# Trichromacy



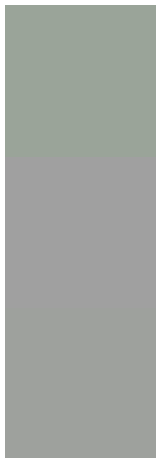
**Original Color**  
9AA499

**Protanomaly**  
A2A198

**Deuteranomaly**  
AA9F9A

**Tritanomaly**  
9CA2A6

# Monochromacy



**Original Color**  
9AA499

**Achromatopsia**  
A0A0A0

**Achromatomaly**  
9EA19D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9AA499 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 #9AA499 looks like.

```
.text, #text, p{  
    color:#9AA499  
}
```

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 #9AA499 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AA499
}
```

## Border

The CSS property to change the border of an element to Hex 9AA499 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
#9AA499 }
```

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

```
.border{ border-color:#9AA499 }
```

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

Here you see how a box with a 4 pixel #9AA499 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AA499; -webkit-box-shadow:4px 4px  
4px 4px #9AA499; box-shadow:4px 4px 4px  
4px #9AA499 }
```

# Background

The CSS property to change the background color of an element to Hex 9AA499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AA499 }
```

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

```
.background{ background-color:#9AA499 }
```

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