

# Converting Colors

Hex(9AA483)

Have a look what the booklet for  
Hex(9AA483) contains.

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# **Color**

**Hex(9AA483)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9AA483
RGB	154, 164, 131
RGB Percent	60%, 64%, 51%
CMY	0.3961, 0.3569, 0.4863
CMYK	0.06, 0.00, 0.20, 0.36
HSL	78°, 15%, 58%
HSV	78°, 20%, 64%
XYZ	30.6986, 35.0596, 26.6219
YIQ	157.2480, 4.6330, -12.3830

# Conversions

## Conversions Part 2

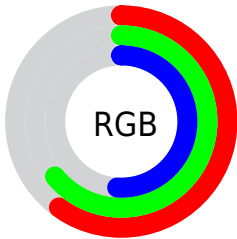
Format	Color
<a href="#">RYB</a>	<a href="#">131, 164, 141</a>
Decimal	<a href="#">10134659</a>
CIELab	<a href="#">65.80, -9.51, 15.96</a>
CIElCh	<a href="#">66, 18.583, 120.782</a>
Yxy	<a href="#">35.0596, 0.3323, 0.3795</a>
Android (android.graphics.Color)	<a href="#">4288324739 (0xFF9AA483)</a>
YUV	<a href="#">157.2480, -12.9403, -2.8485</a>
Hunter-Lab	<a href="#">59.2112, -11.0745, 14.7905</a>

# Details

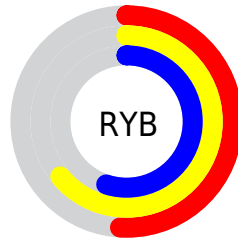
The Hex color **9AA483** is a light color, and the websafe version is hex **999966**. A complement of this color would be **8D83A4**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **D1DBB8**, and **677051** is the 20% darker color. If you saturate the color by 10%, you get **95A473**, and if you desaturate by 10%, it is **9FA493**.

# Distribution



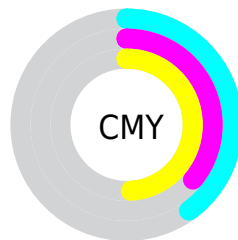
- Red (60%)
- Green (64%)
- Blue (51%)



- Red (51%)
- Yellow (64%)
- Blue (55%)



- Cyan (6%)
- Magenta (0%)
- Yellow (20%)
- Black (36%)



- Cyan (40%)
- Magenta (36%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9AA483 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 9AA483 by changing the saturation by 10% instead.





9AA483



9AA483

FFFFFF



808A6A



D1DBB8



677051



EDF7D4



4E583A



FFFFF0



374124



212B10



081700



000000



9AA483



9AA483



95A473



9FA493

 90A462

 A4A4A4

 8BA452

 A9A4B4

 86A441

 AEA4C5

 81A431

 B3A4D5

 7CA421

 B8A4E5

 77A410

 BDA4F6

 72A400

 C2A4FF

 C7A4FF

# Harmonies

## Analogous

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



AC9F7F



9AA483



87A88F

# Triad

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



9AA483



7AA6BC



C194A0

# Complementary

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



9AA483



8D83A4

# 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.



B697B0



9AA483



8DA1C1

# Square

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



9AA483



72A9B0



A39BBC



C29590

# Rectangle

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



9AA483



7CA99A



A39BBC



BE95A6



# Sweetspot

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



9AA483



D2D6C9



A48D83



696B64



EBEBEB



6B6B6B



# Same Dimension

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



9AA483



C7D6A3



8AA483



4F5249



659100



0C1200



# Inverse Universe

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



8D83A4



B2A3D6



9D83A4



4C4952



2C0091



050012



# Previews

## White Background



This preview shows how the Hex color 9AA483 looks on a white background.

## Color Contrast Check

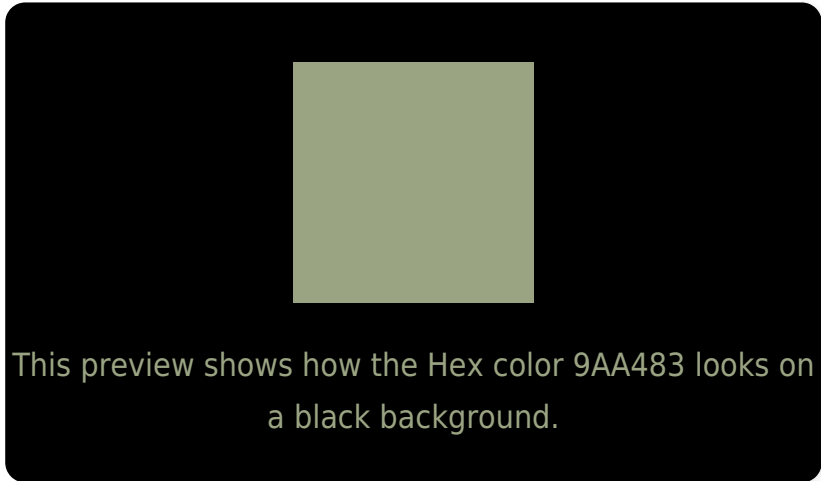
Large Text (above 18pt) WCAG AA × Fail

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

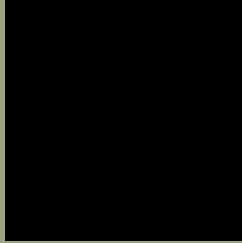
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9AA483 Background



This preview shows how black text looks on a background with the Hex color 9AA483.

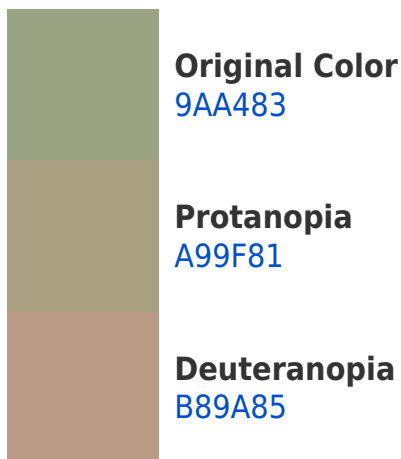


This preview shows how white text looks on a background with the Hex color 9AA483.

# 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](#).

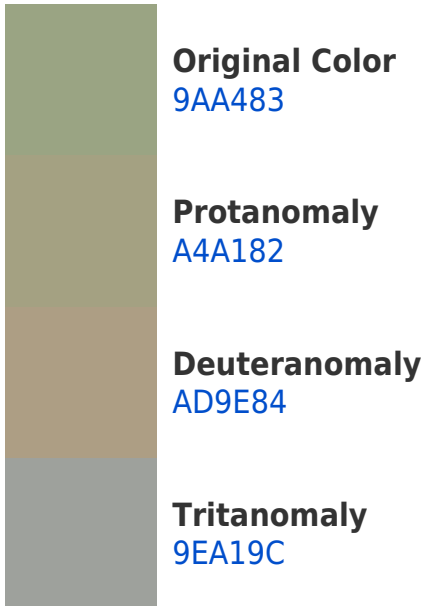
## Dichromacy



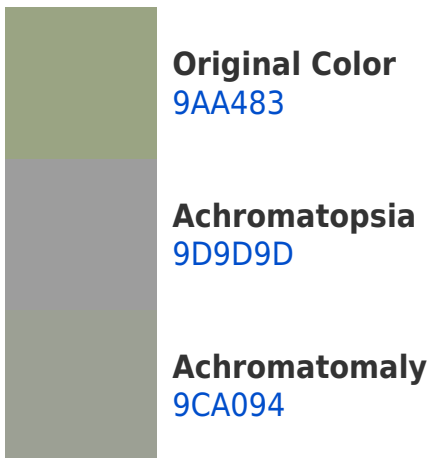


**Tritanopia**  
A09FAB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9AA483 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 #9AA483 looks like.

```
.text, #text, p{  
    color:#9AA483  
}
```

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 #9AA483 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AA483
}
```

## Border

The CSS property to change the border of an element to Hex 9AA483 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
#9AA483 }
```

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

```
.border{ border-color:#9AA483 }
```

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

Here you see how a box with a 4 pixel #9AA483 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AA483; -webkit-box-shadow:4px 4px  
4px 4px #9AA483; box-shadow:4px 4px 4px  
4px #9AA483 }
```

# Background

The CSS property to change the background color of an element to Hex 9AA483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AA483 }
```

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

```
.background{ background-color:#9AA483 }
```

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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