

# Converting Colors

Hex(A3A495)

Have a look what the booklet for  
Hex(A3A495) contains.

<b>Hex(A3A495)</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(A3A495)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A3A495
RGB	163, 164, 149
RGB Percent	64%, 64%, 58%
CMY	0.3608, 0.3569, 0.4157
CMYK	0.01, 0.00, 0.09, 0.36
HSL	64°, 8%, 61%
HSV	64°, 9%, 64%
XYZ	33.8045, 36.5074, 33.6987
YIQ	161.9910, 4.2190, -4.8770

# Conversions

## Conversions Part 2

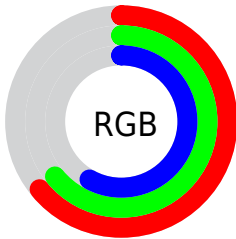
<b>Format</b>	<b>Color</b>
<b>RYB</b>	149, 164, 150
Decimal	10724501
CIELab	66.91, -3.10, 7.66
CIELCh	67, 8.260, 112.029
Yxy	36.5074, 0.3250, 0.3510
Android (android.graphics.Color)	4288914581 (0xFFA3A495)
YUV	161.9910, -6.4046, 0.8849
Hunter-Lab	60.4213, -5.8701, 9.2272

# Details

The Hex color **A3A495** is a light color, and the websafe version is hex **999999**. A complement of this color would be **9695A4**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **DADBCB**, and **6F7062** is the 20% darker color. If you saturate the color by 10%, you get **A2A485**, and if you desaturate by 10%, it is **A4A4A5**.

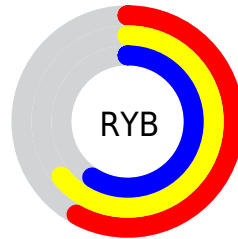
# Distribution



Red (64%)

Green (64%)

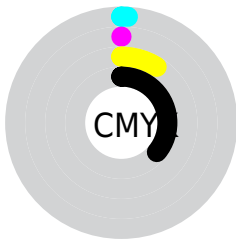
Blue (58%)



Red (58%)

Yellow (64%)

Blue (59%)

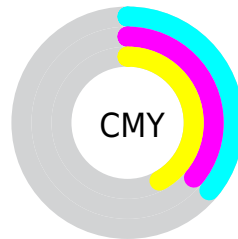


Cyan (1%)

Magenta (0%)

Yellow (9%)

Black (36%)



Cyan (36%)

Magenta (36%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A3A495 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 A3A495 by changing the saturation by 10% instead.





A3A495



A3A495

FFFFFF



898A7B



DADBCB



6F7062



F6F7E7



57584A



404134



2A2B1F



161606



000000



A3A495



A3A495



A2A485



A4A4A5

 A1A474

 A5A4B6

 A0A464

 A6A4C6

 9FA453

 A7A4D7

 9EA443

 A8A4E7

 9CA433

 AAA4F7

 9BA422

 ABA4FF

 9AA412

 ACA4FF

 99A401

 ADA4FF

# Harmonies

## Analogous

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



ABA294



A3A495



9AA699

# Triad

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



A3A495



92A6AE



B19EA5

# Complementary

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



A3A495



9695A4

# 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.



AB9FAC



A3A495



99A4B1

# Square

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



A3A495



91A7A8



A2A2B0



B39E9E

# Rectangle

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



A3A495



96A79E



A2A2B0



AF9EA8



# Sweetspot

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



A3A495



D6D6D0



A49695



6B6B67



EBEBEB



6B6B6B



# Same Dimension

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



A3A495



D5D6BF



9BA495



515249



889100



111200



# Inverse Universe

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



9695A4



C0BFD6



9D95A4



4A4952



0A0091



010012



# Previews

## White Background



This preview shows how the Hex color A3A495 looks on a white background.

## Color Contrast Check

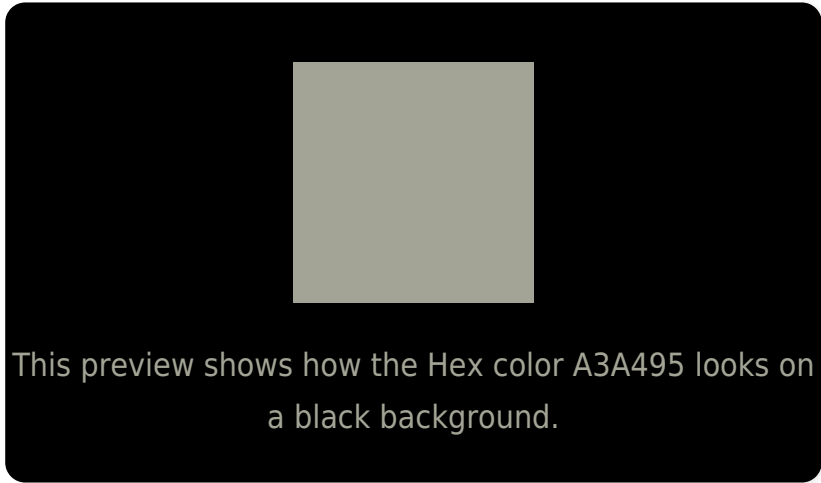
Large Text (above 18pt) WCAG AA × Fail

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

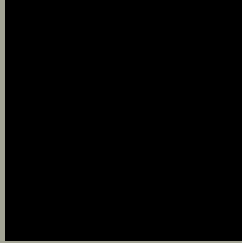
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

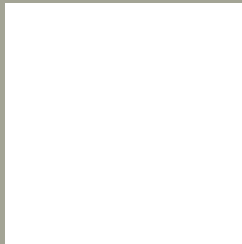
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A3A495 Background



This preview shows how black text looks on a background with the Hex color A3A495.

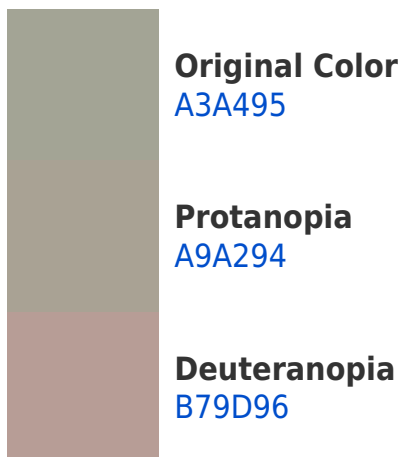


This preview shows how white text looks on a background with the Hex color A3A495.

# 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](#).

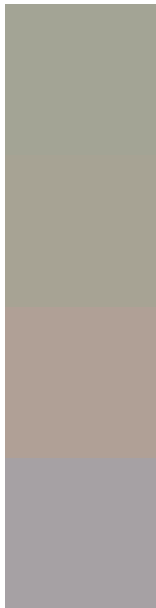
## Dichromacy





**Tritanopia**  
A7A0AD

# Trichromacy



**Original Color**  
A3A495

**Protanomaly**  
A7A394

**Deuteranomaly**  
B0A096

**Tritanomaly**  
A6A1A4

# Monochromacy



**Original Color**  
A3A495

**Achromatopsia**  
A2A2A2

**Achromatomaly**  
A2A39D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A3A495 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 #A3A495 looks like.

```
.text, #text, p{  
    color:#A3A495  
}
```

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 #A3A495 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3A495
}
```

## Border

The CSS property to change the border of an element to Hex A3A495 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
#A3A495 }
```

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

```
.border{ border-color:#A3A495 }
```

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

Here you see how a box with a 4 pixel #A3A495 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3A495; -webkit-box-shadow:4px 4px  
4px 4px #A3A495; box-shadow:4px 4px 4px  
4px #A3A495 }
```

# Background

The CSS property to change the background color of an element to Hex A3A495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3A495 }
```

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

```
.background{ background-color:#A3A495 }
```

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