

# Converting Colors

Hex(A3AA92)

Have a look what the booklet for  
Hex(A3AA92) contains.

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# **Color**

**Hex(A3AA92)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A3AA92
RGB	163, 170, 146
RGB Percent	64%, 67%, 57%
CMY	0.3608, 0.3333, 0.4275
CMYK	0.04, 0.00, 0.14, 0.33
HSL	78°, 12%, 62%
HSV	78°, 14%, 67%
XYZ	34.6673, 38.6113, 32.8197
YIQ	165.1710, 3.5320, -8.9480

# Conversions

## Conversions Part 2

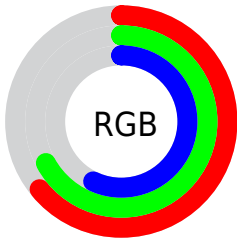
Format	Color
<b>RYB</b>	146, 170, 153
Decimal	10726034
CIELab	68.47, -6.85, 11.54
CIElCh	68, 13.416, 120.684
Yxy	38.6113, 0.3267, 0.3639
Android (android.graphics.Color)	4288916114 (0xFFA3AA92)
YUV	165.1710, -9.4513, -1.9040
Hunter-Lab	62.1380, -9.1549, 12.1811

# Details

The Hex color **A3AA92** is a light color, and the websafe version is hex **999999**. A complement of this color would be **9992AA**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **DAE1C8**, and **6F765F** is the 20% darker color. If you saturate the color by 10%, you get **9EAA81**, and if you desaturate by 10%, it is **A8AAA3**.

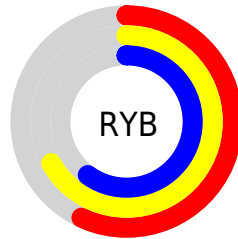
# Distribution



Red (64%)

Green (67%)

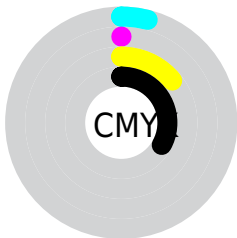
Blue (57%)



Red (57%)

Yellow (67%)

Blue (60%)

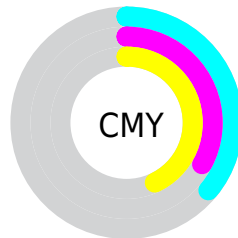


Cyan (4%)

Magenta (0%)

Yellow (14%)

Black (33%)



Cyan (36%)

Magenta (33%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A3AA92 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 A3AA92 by changing the saturation by 10% instead.





A3AA92



A3AA92

FFFFFF



899078



DAE1C8



6F765F



F6FEE4



575D48



3F4631



292F1C



161B02



000000



A3AA92



A3AA92



9EAA81



A8AAA3

99AA70

ADAAB4

94AA5F

B2AAC5

8FAA4E

B7AAD6

8AAA3D

BCAAE7

85AA2C

C1AAF8

80AA1B

C6AAFF

7BAA0A

CBAAFF

78AA00

D0AAFF

# Harmonies

## Analogous

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



B1A68F



A3AA92



95AD9B

# Triad

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



A3AA92



8DABBC



BF9FA7

# Complementary

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



A3AA92



9992AA

# 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.



B7A0B3



A3AA92



9AA8BF

# Square

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



A3AA92



88AEB3



AAA4BC



C19F9B

# Rectangle

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



A3AA92



8EAEA3



AAA4BC



BD9FAB



# Sweetspot

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



A3AA92



DBDED5



AA9992



6F706B



F0F0F0



707070



# Same Dimension

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



A3AA92



D3DEB8



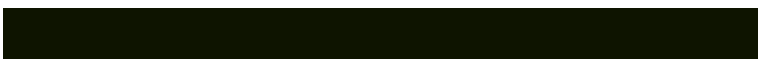
97AA92



52544C



699400



0E1400



# Inverse Universe

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



9992AA



C3B8DE



A592AA



4E4C54



2B0094

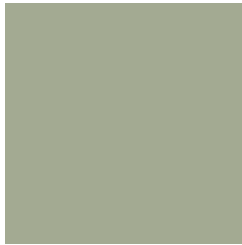


060014



# Previews

## White Background



This preview shows how the Hex color A3AA92 looks on a white background.

## Color Contrast Check

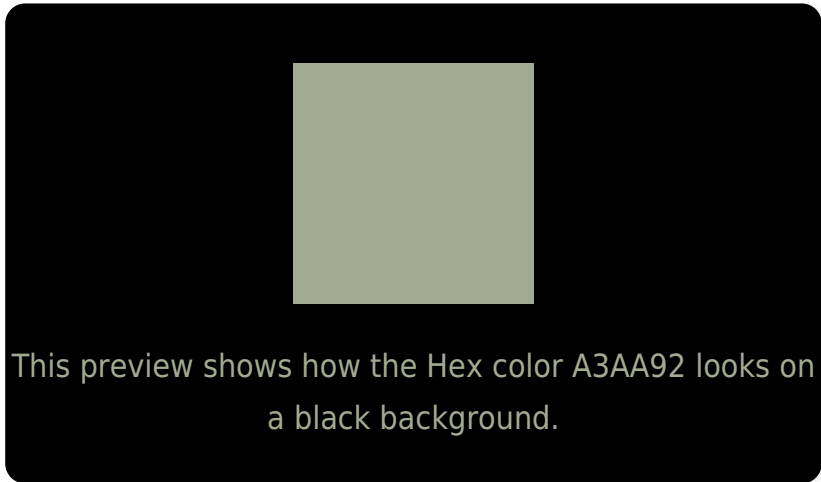
Large Text (above 18pt) WCAG AA × Fail

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

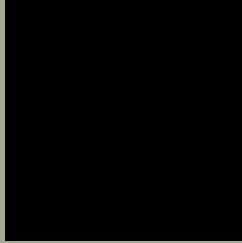
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

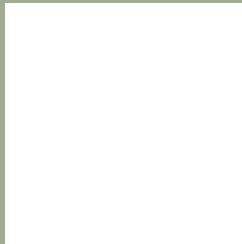
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A3AA92 Background



This preview shows how black text looks on a background with the Hex color A3AA92.



This preview shows how white text looks on a background with the Hex color A3AA92.

# 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**  
A3AA92

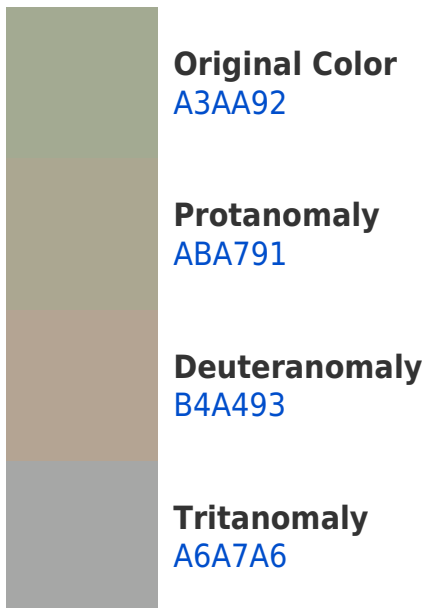
**Protanopia**  
AFA690

**Deuteranopia**  
BEA194

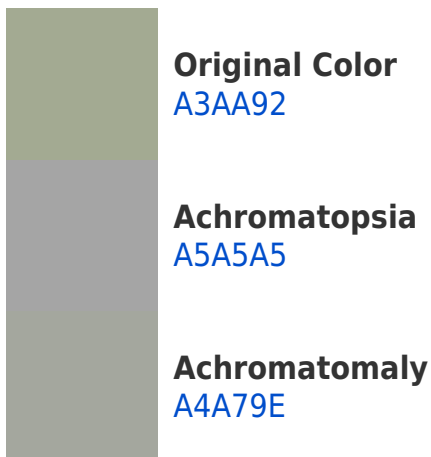


**Tritanopia**  
A8A5B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A3AA92 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 #A3AA92 looks like.

```
.text, #text, p{  
    color:#A3AA92  
}
```

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 #A3AA92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3AA92
}
```

## Border

The CSS property to change the border of an element to Hex A3AA92 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
#A3AA92 }
```

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

```
.border{ border-color:#A3AA92 }
```

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

Here you see how a box with a 4 pixel #A3AA92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3AA92; -webkit-box-shadow:4px 4px  
4px 4px #A3AA92; box-shadow:4px 4px 4px  
4px #A3AA92 }
```

# Background

The CSS property to change the background color of an element to Hex A3AA92 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3AA92 }
```

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

```
.background{ background-color:#A3AA92 }
```

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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