

# Converting Colors

Hex(A2AA83)

Have a look what the booklet for  
Hex(A2AA83) contains.

<b>Hex(A2AA83)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(A2AA83)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A2AA83
RGB	162, 170, 131
RGB Percent	64%, 67%, 51%
CMY	0.3647, 0.3333, 0.4863
CMYK	0.05, 0.00, 0.23, 0.33
HSL	72°, 19%, 59%
HSV	72°, 23%, 67%
XYZ	33.3718, 38.0695, 27.0620
YIQ	163.1620, 7.7510, -13.8250

# Conversions

## Conversions Part 2

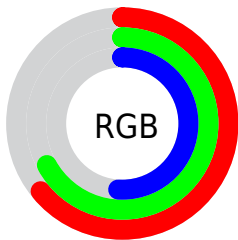
Format	Color
<a href="#">RYB</a>	<a href="#">131, 170, 139</a>
Decimal	<a href="#">10660483</a>
CIELab	<a href="#">68.07, -9.64, 19.20</a>
CIElCh	<a href="#">68, 21.489, 116.660</a>
Yxy	<a href="#">38.0695, 0.3388, 0.3865</a>
Android (android.graphics.Color)	<a href="#">4288850563 (0xFFA2AA83)</a>
YUV	<a href="#">163.1620, -15.8559, -1.0191</a>
Hunter-Lab	<a href="#">61.7005, -11.4312, 17.1856</a>

# Details

The Hex color **A2AA83** is a light color, and the websafe version is hex **999966**. A complement of this color would be **8B83AA**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **D9E1B8**, and **6E7651** is the 20% darker color. If you saturate the color by 10%, you get **9FAA72**, and if you desaturate by 10%, it is **A5AA94**.

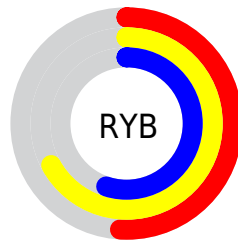
# Distribution



Red (64%)

Green (67%)

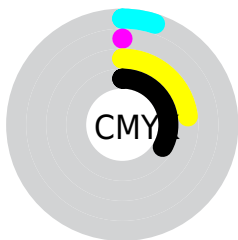
Blue (51%)



Red (51%)

Yellow (67%)

Blue (55%)

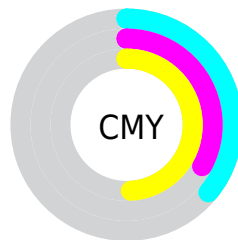


Cyan (5%)

Magenta (0%)

Yellow (23%)

Black (33%)



Cyan (36%)

Magenta (33%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A2AA83 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 A2AA83 by changing the saturation by 10% instead.



 A2AA83

 A2AA83

FFFFFF

 88906A

 D9E1B8

 6E7651

 F6FED4

 555D3A

 FFFFF0

 3E4624

 272F0F

 121B00

 000000

 A2AA83

 A2AA83

 9FAA72

 A5AA94

9BAA61

A9AAA5

98AA50

ACAAB6

94AA3F

B0AAC7

91AA2E

B3AAD8

8DAA1D

B7AAE9

8AAA0C

BAAAF A

87AA00

BEAFF

C1AAFF

# Harmonies

## Analogous

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



B7A47F



A2AA83



8CAF90

# Triad

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



A2AA83



77AEC6



CB98A9

# Complementary

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



A2AA83



8B83AA

# 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.



BD9CBB



A2AA83



8CA8CC

# Square

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



A2AA83



6FB1B7



A6A2C8



CE9995

# Rectangle

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



A2AA83



7EB09C



A6A2C8



C799AF



# Sweetspot

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



A2AA83



DBDECE



AA8B83



6E7067



F0F0F0



707070



# Same Dimension

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



A2AA83



D1DEA0



8FAA83



52544C



769400



101400



# Inverse Universe

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



8B83AA



ACA0DE



9E83AA



4D4C54



1E0094



040014



# Previews

## White Background



This preview shows how the Hex color A2AA83 looks on a white background.

## Color Contrast Check

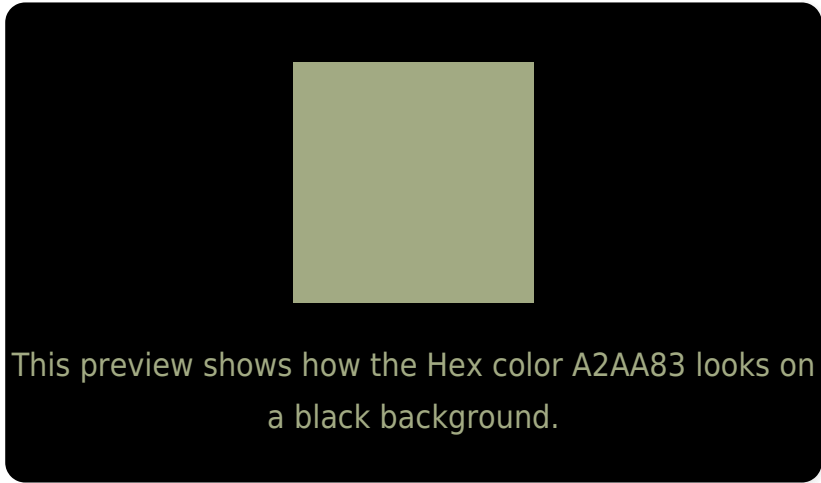
Large Text (above 18pt) WCAG AA × Fail

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

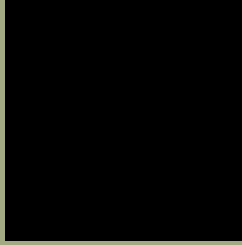
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

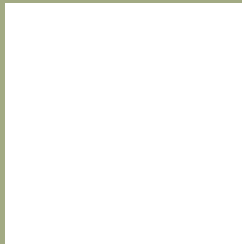
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A2AA83 Background



This preview shows how black text looks on a background with the Hex color A2AA83.

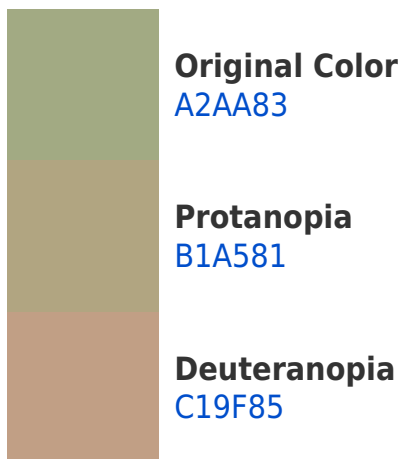


This preview shows how white text looks on a background with the Hex color A2AA83.

# 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](#).

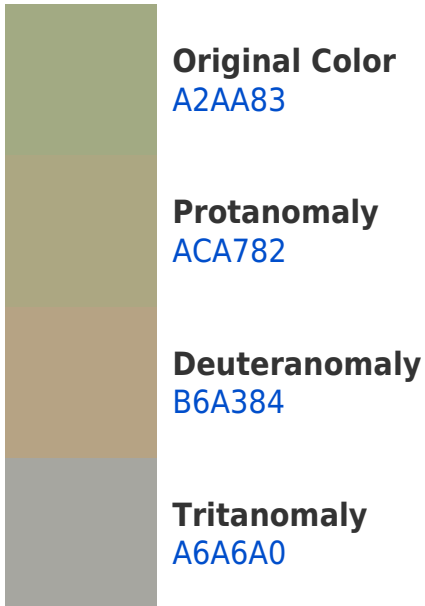
## Dichromacy



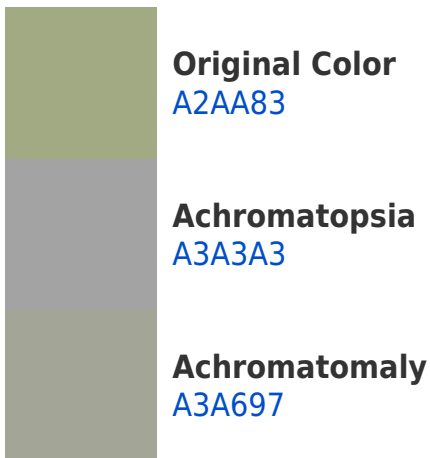


**Tritanopia**  
A8A4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A2AA83 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 #A2AA83 looks like.

```
.text, #text, p{  
    color:#A2AA83  
}
```

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 #A2AA83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2AA83
}
```

## Border

The CSS property to change the border of an element to Hex A2AA83 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
#A2AA83 }
```

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

```
.border{ border-color:#A2AA83 }
```

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

Here you see how a box with a 4 pixel #A2AA83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2AA83; -webkit-box-shadow:4px 4px  
4px 4px #A2AA83; box-shadow:4px 4px 4px  
4px #A2AA83 }
```

# Background

The CSS property to change the background color of an element to Hex A2AA83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2AA83 }
```

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

```
.background{ background-color:#A2AA83 }
```

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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