

# Converting Colors

Hex(A3AE95)

Have a look what the booklet for  
Hex(A3AE95) contains.

<b>Hex(A3AE95)</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(A3AE95)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A3AE95
RGB	163, 174, 149
RGB Percent	64%, 68%, 58%
CMY	0.3608, 0.3176, 0.4157
CMYK	0.06, 0.00, 0.14, 0.32
HSL	86°, 13%, 63%
HSV	86°, 14%, 68%
XYZ	35.6651, 40.2286, 34.3189
YIQ	167.8610, 1.4690, -10.1070

# Conversions

## Conversions Part 2

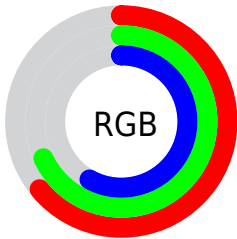
<b>Format</b>	<b>Color</b>
<b>RYB</b>	149, 174, 160
Decimal	10727061
CIELab	69.63, -8.47, 11.53
CIELCh	70, 14.306, 126.281
Yxy	40.2286, 0.3236, 0.3650
Android (android.graphics.Color)	4288917141 (0xFFA3AE95)
YUV	167.8610, -9.2985, -4.2631
Hunter-Lab	63.4260, -10.6230, 12.3172

# Details

The Hex color **A3AE95** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A095AE**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **DAE5CB**, and **6F7A62** is the 20% darker color. If you saturate the color by 10%, you get **9BAE84**, and if you desaturate by 10%, it is **ABAEA6**.

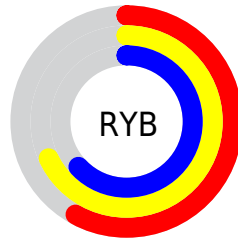
# Distribution



Red (64%)

Green (68%)

Blue (58%)



Red (58%)

Yellow (68%)

Blue (63%)

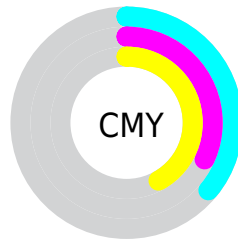


Cyan (6%)

Magenta (0%)

Yellow (14%)

Black (32%)



Cyan (36%)

Magenta (32%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A3AE95 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 A3AE95 by changing the saturation by 10% instead.





A3AE95



A3AE95

FFFFFF



89937B



DAE5CB



6F7A62



F6FFE7



57614A



3F4934



29331E



161D07



000000



A3AE95



A3AE95



9BAE84



ABAE6

 94AE72

 B2AEB8

 8CAE61

 BAAEC9

 84AE4F

 C2AEDB

 7DAE3E

 C9AEEC

 75AE2D

 D1AEFD

 6DAE1B

 D9AEFF

 66AE0A

 E0AEFF

 61AE00

 E8AEFF

# Harmonies

## Analogous

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



B2AA90



A3AE95



95B19F

# Triad

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



A3AE95



91AEC1



C5A1A8

# Complementary

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



A3AE95



A095AE

# 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.



BEA2B5



A3AE95



9FAAC4

# Square

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



A3AE95



89B1B9



B0A6BF



C5A29B

# Rectangle

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



A3AE95



8DB2A8



B0A6BF



C3A1AC



# Sweetspot

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



A3AE95



DFE3DA



AEA095



70736D



F2F2F2



737373

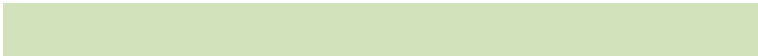


# Same Dimension

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



A3AE95



D2E3BC



97AE95



53574E



549600



0D1700



# Inverse Universe

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



A095AE



CDBCE3



AC95AE



524E57



420096



0A0017



# Previews

## White Background



This preview shows how the Hex color A3AE95 looks on a white background.

## Color Contrast Check

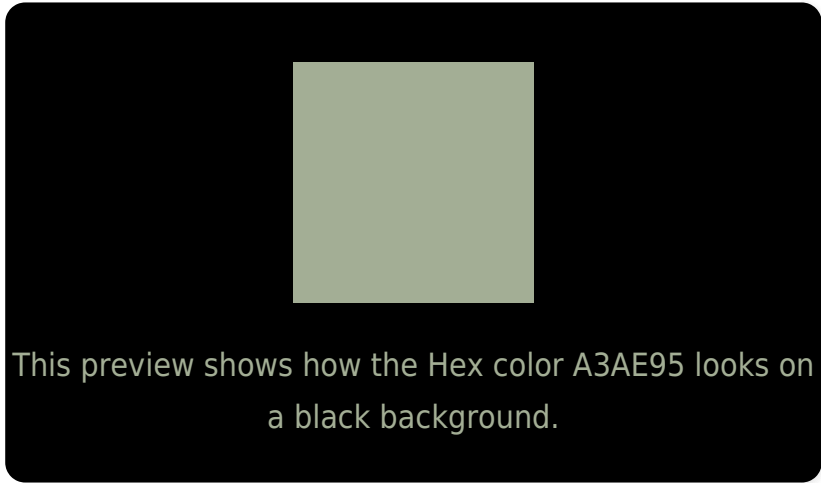
Large Text (above 18pt) WCAG AA × Fail

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

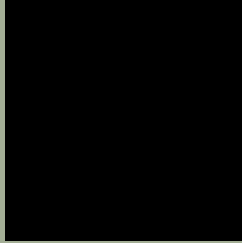
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

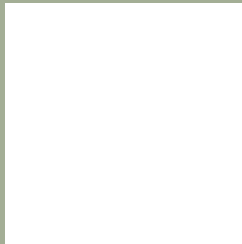
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A3AE95 Background



This preview shows how black text looks on a background with the Hex color A3AE95.

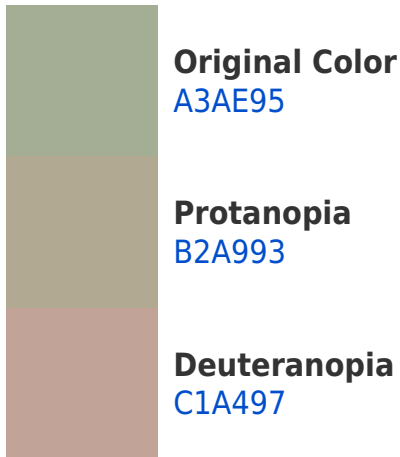


This preview shows how white text looks on a background with the Hex color A3AE95.

# 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](#).

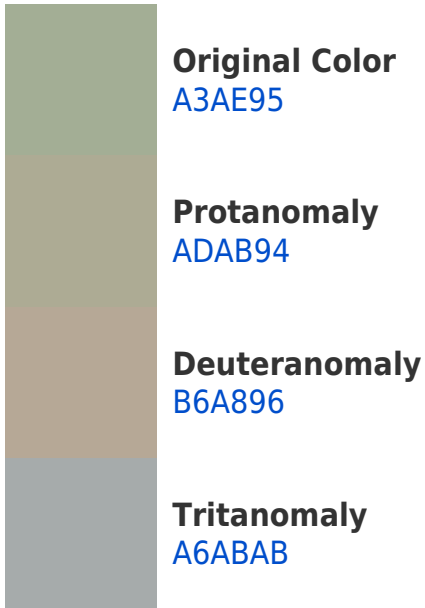
## Dichromacy



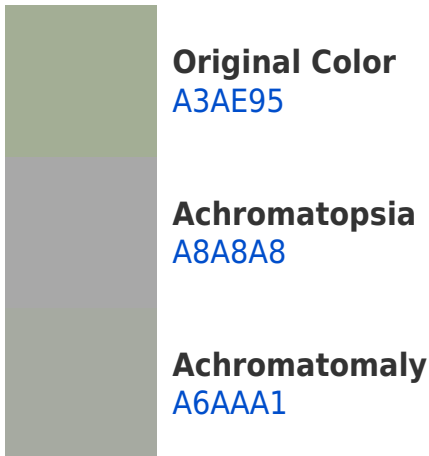


**Tritanopia**  
A8A9B7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A3AE95 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 #A3AE95 looks like.

```
.text, #text, p{  
    color:#A3AE95  
}
```

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 #A3AE95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3AE95  
}
```

## Border

The CSS property to change the border of an element to Hex A3AE95 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  
#A3AE95 }
```

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

```
.border{ border-color:#A3AE95 }
```

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

Here you see how a box with a 4 pixel #A3AE95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3AE95; -webkit-box-shadow:4px 4px  
4px 4px #A3AE95; box-shadow:4px 4px 4px  
4px #A3AE95 }
```

# Background

The CSS property to change the background color of an element to Hex A3AE95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3AE95 }
```

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

```
.background{ background-color:#A3AE95 }
```

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