

Converting Colors

Hex(AA835A)

Have a look what the booklet for
Hex(AA835A) contains.

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Color

Hex(AA835A)

Conversions

Conversions Part 1

Format	Color
Hex	AA835A
RGB	170, 131, 90
RGB Percent	67%, 51%, 35%
CMY	0.3333, 0.4863, 0.6471
CMYK	0.00, 0.23, 0.47, 0.33
HSL	31°, 32%, 51%
HSV	31°, 47%, 67%
XYZ	26.5393, 25.5168, 13.1993
YIQ	137.9870, 36.4050, -4.4830

Conversions

Conversions Part 2

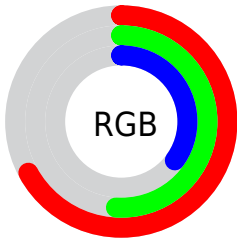
Format	Color
R_{YB}	166, 170, 90
Decimal	11174746
CIE Lab	57.58, 9.67, 27.87
CIE LCh	58, 29.501, 70.870
Yxy	25.5168, 0.4067, 0.3910
Android (android.graphics.Color)	4289364826 (0xFFAA835A)
YUV	137.9870, -23.6576, 28.0754
Hunter-Lab	50.5142, 5.3811, 19.8675

Details

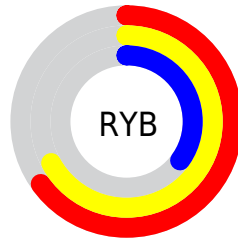
The Hex color **AA835A** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **5A81AA**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **E3B88D**, and **74522B** is the 20% darker color. If you saturate the color by 10%, you get **AA7B49**, and if you desaturate by 10%, it is **AA8B6B**.

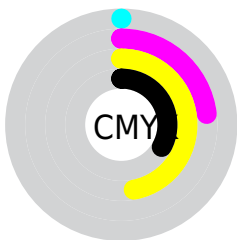
Distribution



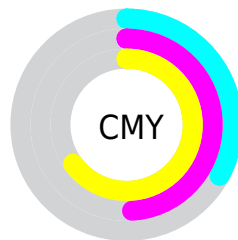
- Red (67%)
- Green (51%)
- Blue (35%)



- Red (65%)
- Yellow (67%)
- Blue (35%)



- Cyan (0%)
- Magenta (23%)
- Yellow (47%)
- Black (33%)



- Cyan (33%)
- Magenta (49%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA835A 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 AA835A by changing the saturation by 10% instead.

 AA835A

 AA835A

FFFFFF

 8E6A42

 E3B88D

 74522B

 FFD4A7

 5A3B15

 FFF0C3

 412500

 FFFFDF

 281100

 FFFFFB

 000000

 AA835A

 AA835A

 AA7B49

 AA8B6B

 AA7238

 AA947C

■ AA6A27

■ AA9C8D

■ AA6216

■ AAA49E

■ AA5A05

■ AAACAF

■ AA5700

■ AAB5C0

■ AABDD1

■ AAC5E2

■ AACEF3

Harmonies

Analogous

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



B97B6A



AA835A



928C57

Triad

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



AA835A



389893



9A80B1

Complementary

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



AA835A



5A81AA

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.



758ABD



AA835A



2E97AB

Square

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



AA835A



579779



4C92BA



B2799C

Rectangle

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



AA835A



80915D



4C92BA



8E83B6

Sweetspot

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



AA835A



DECFBF



AA5A82



70675D



F0F0F0



707070

Same Dimension

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



AA835A



DEA162



AAAA5A



54504C



944C00



140A00

Inverse Universe

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



5A81AA



629EDE



5A5AAA



4C5054



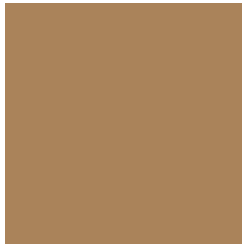
004894



000A14

Previews

White Background



This preview shows how the Hex color AA835A looks on a white background.

Color Contrast Check

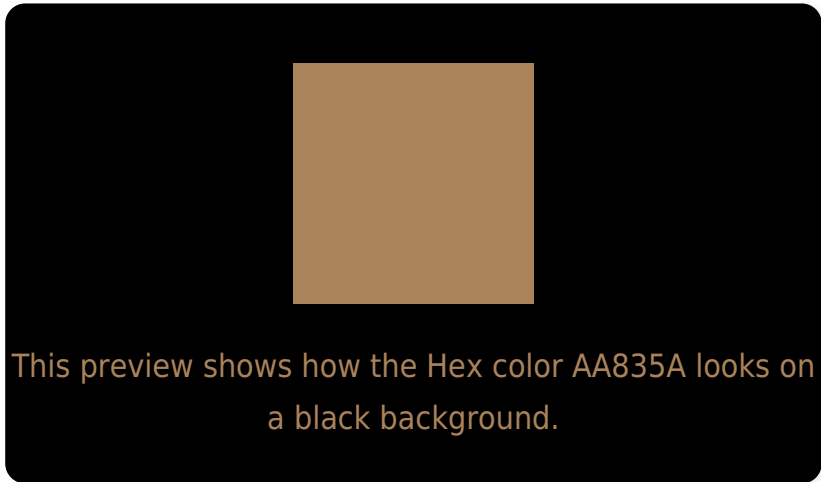
Large Text (above 18pt) WCAG AA ✓ Pass

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

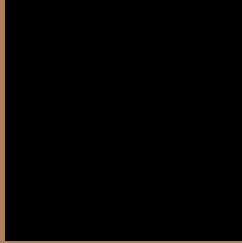
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex AA835A Background



This preview shows how black text looks on a background with the Hex color AA835A.



This preview shows how white text looks on a background with the Hex color AA835A.

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
AA835A

Protanopia
968A5D

Deuteranopia
A7845A



Tritanopia
AE7D87

Trichromacy



Original Color
AA835A

Protanomaly
9D875C

Deuteranomaly
A8845A

Tritanomaly
AD7F77

Monochromacy



Original Color
AA835A

Achromatopsia
8A8A8A

Achromatomaly
968779

CSS Examples

Text

The CSS property to change the color of the text to Hex AA835A 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 #AA835A looks like.

```
.text, #text, p{  
    color:#AA835A  
}
```

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 #AA835A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA835A
}
```

Border

The CSS property to change the border of an element to Hex AA835A 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
#AA835A }
```

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

```
.border{ border-color:#AA835A }
```

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

Here you see how a box with a 4 pixel #AA835A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA835A; -webkit-box-shadow:4px 4px  
4px 4px #AA835A; box-shadow:4px 4px 4px  
4px #AA835A }
```

Background

The CSS property to change the background color of an element to Hex AA835A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA835A }
```

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

```
.background{ background-color:#AA835A }
```

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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