

# Converting Colors

Hex(AD803E)

Have a look what the booklet for  
Hex(AD803E) contains.

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**Color**

**Hex(AD803E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AD803E
RGB	173, 128, 62
RGB Percent	68%, 50%, 24%
CMY	0.3216, 0.4980, 0.7569
CMYK	0.00, 0.26, 0.64, 0.32
HSL	36°, 47%, 46%
HSV	36°, 64%, 68%
XYZ	25.8223, 24.6704, 7.9583
YIQ	133.9310, 48.0060, -10.9860

# Conversions

## Conversions Part 2

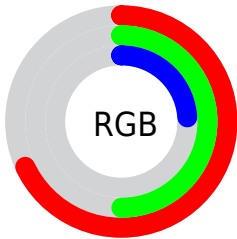
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	138, 173, 62
Decimal	11370558
CIE <sub>Lab</sub>	56.75, 10.24, 41.81
CIE <sub>LCh</sub>	57, 43.051, 76.235
Yxy	24.6704, 0.4418, 0.4221
Android (android.graphics.Color)	4289560638 (0xFFAD803E)
YUV	133.9310, -35.4620, 34.2635
Hunter-Lab	49.6693, 5.8780, 25.2687

# Details

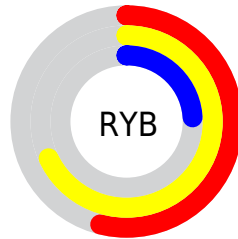
The Hex color **AD803E** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3E6BAD**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **E7B570**, and **754F0C** is the 20% darker color. If you saturate the color by 10%, you get **AD792D**, and if you desaturate by 10%, it is **AD874F**.

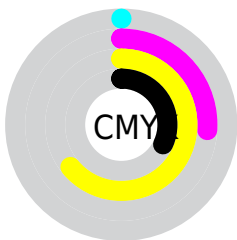
# Distribution



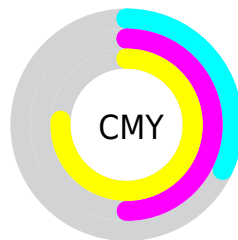
- Red (68%)
- Green (50%)
- Blue (24%)



- Red (54%)
- Yellow (68%)
- Blue (24%)



- Cyan (0%)
- Magenta (26%)
- Yellow (64%)
- Black (32%)



- Cyan (32%)
- Magenta (50%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AD803E 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 AD803E by changing the saturation by 10% instead.



 AD803E

 AD803E

FFFFFF

 916726

 E7B570

 754F0C

 FFD08A

 5A3800

 FFECA5

 402300

 FFFFC0

 260F00

 FFFFDD

 000000

 FFFFF9

 AD803E

 AD803E

 AD792D

 AD874F

■ AD721B

■ AD8E61

■ AD6B0A

■ AD9572

■ AD6700

■ AD9C83

■ ADA395

■ ADAAA6

■ ADB1B7

■ ADB8C8

■ ADBFDA

# Harmonies

## Analogous

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



C57254



AD803E



8A8C3D

# Triad

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



AD803E



009B9C



A576BC

# Complementary

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



AD803E



3E6BAD

# 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.



6E85D0



AD803E



0098BD

# Square

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



AD803E



1C9A75



0091D1



C56B9B

# Rectangle

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



AD803E



6F9349



0091D1



957BC5



# Sweetspot

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



AD803E



E0CFB6



AD3E6C



706656



F0F0F0



707070



# Same Dimension

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



AD803E



E09A34



A4AD3E



57534E



965900



170E00



# Inverse Universe

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



3E6BAD



347AE0



473EAD



4E5257



003D96



000917



# Previews

## White Background



This preview shows how the Hex color AD803E looks on a white background.

## Color Contrast Check

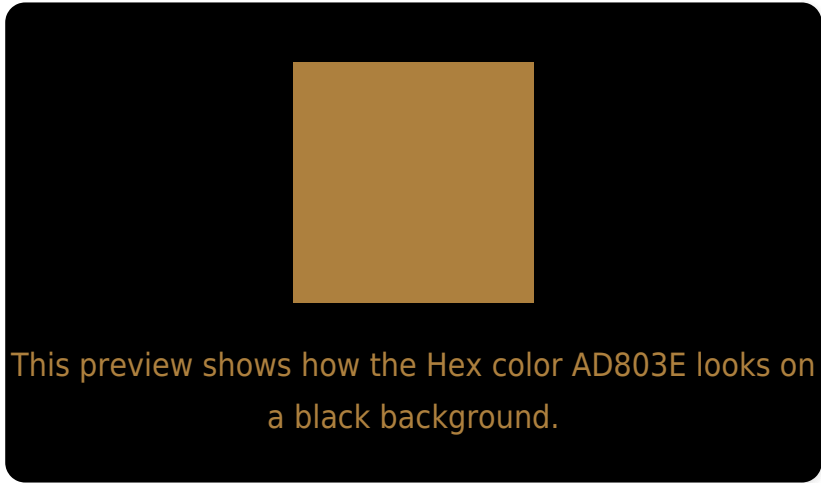
Large Text (above 18pt) WCAG AA ✓ Pass

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

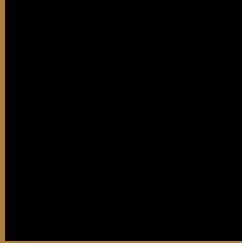
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AD803E Background



This preview shows how black text looks on a background with the Hex color AD803E.



This preview shows how white text looks on a background with the Hex color AD803E.

# 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**  
AD803E

**Protanopia**  
978941

**Deuteranopia**  
A9823E



**Tritanopia**  
B27982

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AD803E 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 #AD803E looks like.

```
.text, #text, p{  
    color:#AD803E  
}
```

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 #AD803E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AD803E
}
```

## Border

The CSS property to change the border of an element to Hex AD803E 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
#AD803E }
```

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

```
.border{ border-color:#AD803E }
```

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

Here you see how a box with a 4 pixel #AD803E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AD803E; -webkit-box-shadow:4px 4px  
4px 4px #AD803E; box-shadow:4px 4px 4px  
4px #AD803E }
```

# Background

The CSS property to change the background color of an element to Hex AD803E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AD803E }
```

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

```
.background{ background-color:#AD803E }
```

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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