

# Converting Colors

Hex(AA643E)

Have a look what the booklet for  
Hex(AA643E) contains.

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# Color

**Hex(AA643E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AA643E
RGB	170, 100, 62
RGB Percent	67%, 39%, 24%
CMY	0.3333, 0.6078, 0.7569
CMYK	0.00, 0.41, 0.64, 0.33
HSL	21°, 47%, 45%
HSV	21°, 64%, 67%
XYZ	22.0042, 18.0082, 6.8736
YIQ	116.5980, 53.9180, 3.0220

# Conversions

## Conversions Part 2

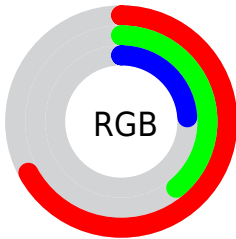
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	170, 121, 62
Decimal	11166782
CIE <sub>Lab</sub>	49.51, 24.66, 33.31
CIE <sub>LCh</sub>	50, 41.443, 53.482
Yxy	18.0082, 0.4693, 0.3841
Android (android.graphics.Color)	4289356862 (0xFFAA643E)
YUV	116.5980, -26.9168, 46.8336
Hunter-Lab	42.4361, 18.2939, 20.1017

# Details

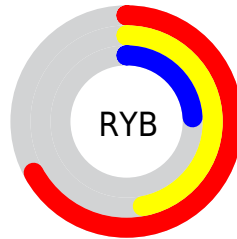
The Hex color **AA643E** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3E84AA**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **E5986F**, and **713411** is the 20% darker color. If you saturate the color by 10%, you get **AA592D**, and if you desaturate by 10%, it is **AA6F4F**.

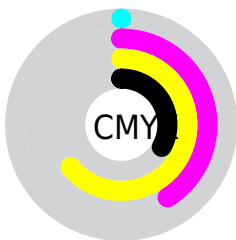
# Distribution



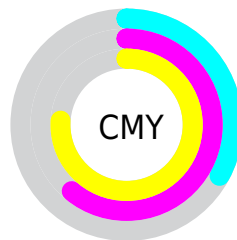
- Red (67%)
- Green (39%)
- Blue (24%)



- Red (67%)
- Yellow (47%)
- Blue (24%)



- Cyan (0%)
- Magenta (41%)
- Yellow (64%)
- Black (33%)



- Cyan (33%)
- Magenta (61%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AA643E 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 AA643E by changing the saturation by 10% instead.



■ AA643E

■ AA643E

FFFFFF

■ 8D4C27

■ E5986F

■ 713411

■ FF288

■ 561D00

■ FFCEA3

■ 3B0700

■ FFEABE

■ 240001

■ FFFFDA

■ 000000

■ FFFFF7

■ AA643E

■ AA643E

■ AA592D

■ AA6F4F

■ AA4E1C

■ AA7A60

■ AA430B

■ AA8571

■ AA3C00

■ AA9082

■ AA9B93

■ AAA6A4

■ AAB1B5

■ AABCC6

■ AAC7D7

# Harmonies

## Analogous

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



B7595C



AA643E



90712D

# Triad

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



AA643E



00876D



6B70B6

# Complementary

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



AA643E



3E84AA

# 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.



077CBB



AA643E



008791

# Square

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



AA643E



44834A



0084AD



9A61A0

# Rectangle

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



AA643E



7B792E



0084AD



5674BA



# Sweetspot

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



AA643E



DEC3B4



AA3E84



705F56



F0F0F0



707070



# Same Dimension

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



AA643E



DE7135



AA9A3E



544F4C



943400



140700



# Inverse Universe

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



3E84AA



35A3DE



3E4EAA



4C5154



006094

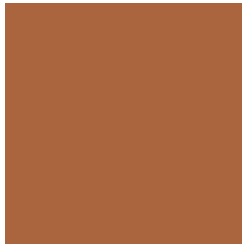


000D14



# Previews

## White Background



This preview shows how the Hex color AA643E looks on a white background.

## Color Contrast Check

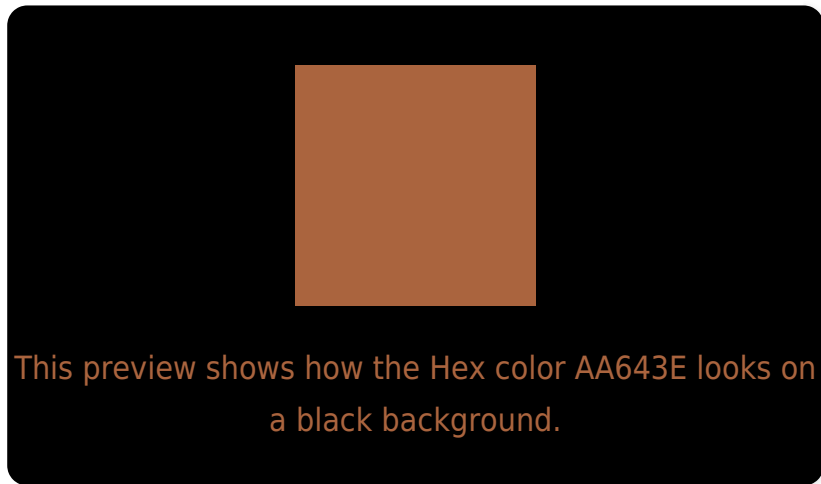
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

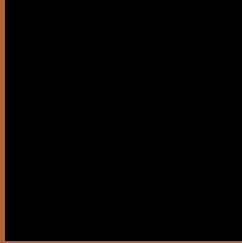
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AA643E Background



This preview shows how black text looks on a background with the Hex color AA643E.



This preview shows how white text looks on a background with the Hex color AA643E.

# 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**  
AA643E

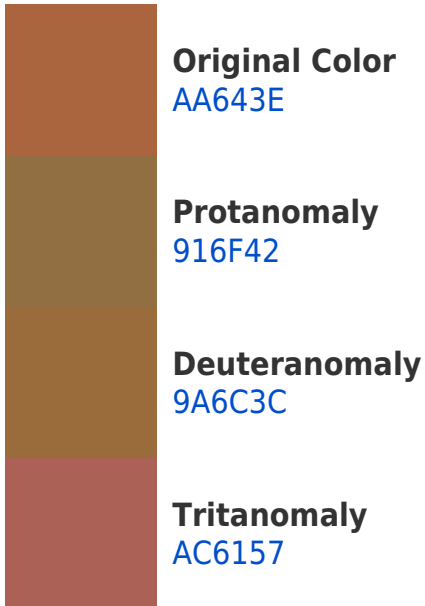
**Protanopia**  
827644

**Deuteranopia**  
91713B



**Tritanopia**  
AD5F66

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AA643E 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 #AA643E looks like.

```
.text, #text, p{  
    color:#AA643E  
}
```

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 #AA643E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA643E
}
```

## Border

The CSS property to change the border of an element to Hex AA643E is called "border". The border property can be set on classes, ids or directly on the HTML element.

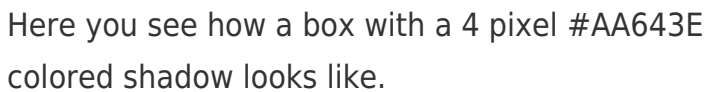
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AA643E }
```

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

```
.border{ border-color:#AA643E }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border and a 4px orange shadow. The text inside the box is "Here you see how a box with a 4 pixel #AA643E colored shadow looks like." The shadow is visible on the right and bottom edges of the box.

Here you see how a box with a 4 pixel #AA643E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA643E; -webkit-box-shadow:4px 4px  
4px 4px #AA643E; box-shadow:4px 4px 4px  
4px #AA643E }
```

# Background

The CSS property to change the background color of an element to Hex AA643E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA643E }
```

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

```
.background{ background-color:#AA643E }
```

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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