

# Converting Colors

Hex(AA513D)

Have a look what the booklet for  
Hex(AA513D) contains.

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**Color**

**Hex(AA513D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AA513D
RGB	170, 81, 61
RGB Percent	67%, 32%, 24%
CMY	0.3333, 0.6824, 0.7608
CMYK	0.00, 0.52, 0.64, 0.33
HSL	11°, 47%, 45%
HSV	11°, 64%, 67%
XYZ	20.3623, 14.7678, 6.1921
YIQ	105.3310, 59.4640, 12.6480

# Conversions

## Conversions Part 2

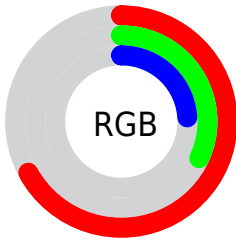
Format	Color
<b>RYB</b>	170, 85, 61
Decimal	11161917
CIELab	45.31, 34.89, 28.80
CIELCh	45, 45.246, 39.539
Yxy	14.7678, 0.4928, 0.3574
Android (android.graphics.Color)	4289351997 (0xFFAA513D)
YUV	105.3310, -21.8552, 56.7147
Hunter-Lab	38.4289, 27.3310, 17.3467

# Details

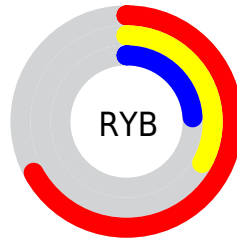
The Hex color **AA513D** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **3D96AA**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **E5846D**, and **701F12** is the 20% darker color. If you saturate the color by 10%, you get **AA432C**, and if you desaturate by 10%, it is **AA5F4E**.

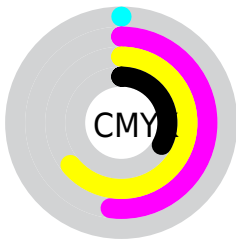
# Distribution



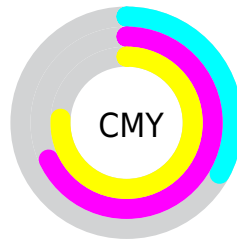
- Red (67%)
- Green (32%)
- Blue (24%)



- Red (67%)
- Yellow (33%)
- Blue (24%)



- Cyan (0%)
- Magenta (52%)
- Yellow (64%)
- Black (33%)



- Cyan (33%)
- Magenta (68%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AA513D 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 AA513D by changing the saturation by 10% instead.



 AA513D

 AA513D

FFFFFF

 8D3827

 E5846D

 701F12

 FF9F86

 550300

 FFBBA1

 390000

 FFD7BC

 1C0001

 FFF3D8

 000000

 FFFFF4

 AA513D

 AA513D

 AA432C

 AA5F4E

■ AA351B

■ AA6D5F

■ AA270A

■ AA7B70

■ AA1F00

■ AA8981

■ AA9692

■ AAA4A3

■ AAB2B4

■ AAC0C5

■ AACED6

# Harmonies

## Analogous

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



B04861



AA513D



946022

# Triad

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



AA513D



007C4F



366BB6

# Complementary

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



AA513D



3D96AA

# 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.



0076B2



AA513D



007E77

# Square

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



AA513D



4B772D



007C9A



7D5CA6

# Rectangle

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



AA513D



806919



007C9A



0070B7



# Sweetspot

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



AA513D



DEBBB4



AA3D96



705B56



F0F0F0



707070



# Same Dimension

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



AA513D



DE5233



AA873D



544D4C



941B00



140400



# Inverse Universe

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



3D96AA



33BFDE



3D60AA



4C5354



007994



001114



# Previews

## White Background



This preview shows how the Hex color AA513D looks on a white background.

## Color Contrast Check

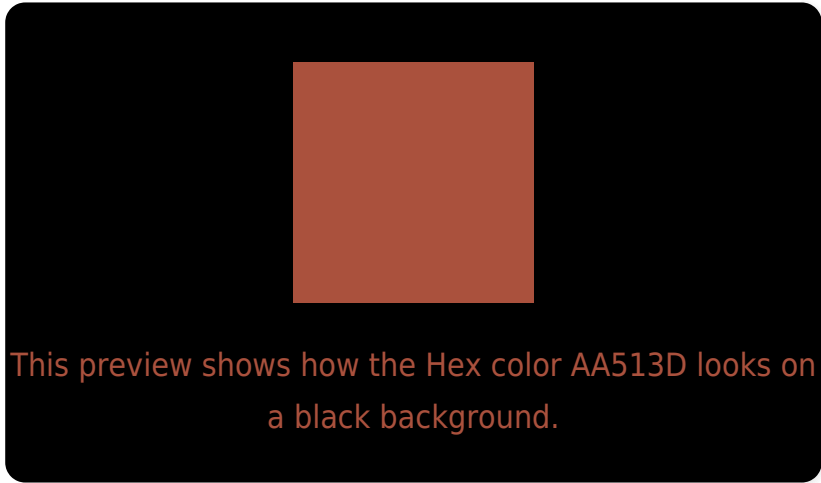
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex AA513D Background



This preview shows how black text looks on a background with the Hex color AA513D.



This preview shows how white text looks on a background with the Hex color AA513D.

# 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**  
AA513D

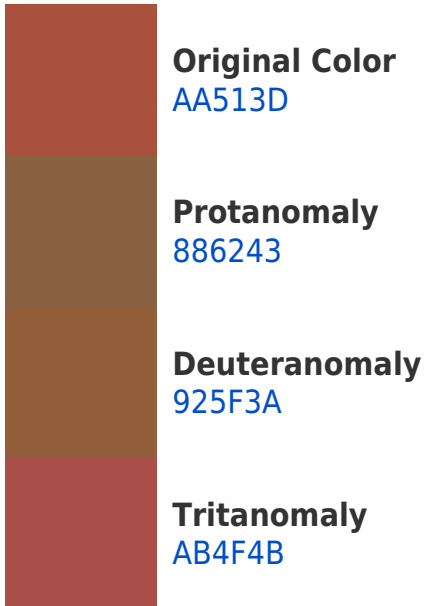
**Protanopia**  
756C47

**Deuteranopia**  
846739

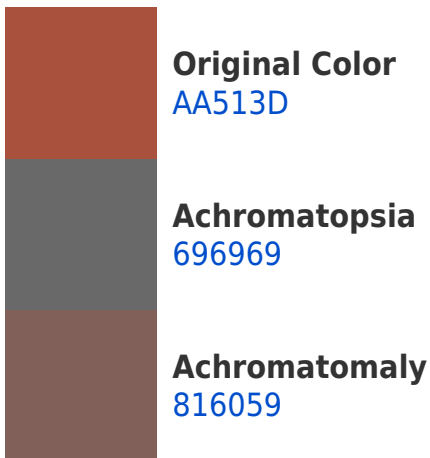


**Tritanopia**  
AB4E53

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AA513D 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 #AA513D looks like.

```
.text, #text, p{  
    color:#AA513D  
}
```

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 #AA513D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA513D
}
```

## Border

The CSS property to change the border of an element to Hex AA513D is called "border". The border property can be set on classes, ids or directly on the HTML element.

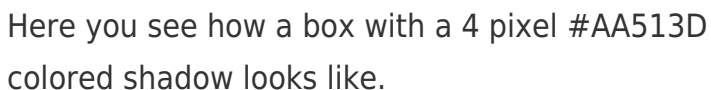
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AA513D }
```

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

```
.border{ border-color:#AA513D }
```

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



Here you see how a box with a 4 pixel #AA513D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA513D; -webkit-box-shadow:4px 4px  
4px 4px #AA513D; box-shadow:4px 4px 4px  
4px #AA513D }
```

# Background

The CSS property to change the background color of an element to Hex AA513D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA513D }
```

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

```
.background{ background-color:#AA513D }
```

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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