

# Converting Colors

Hex(AA423A)

Have a look what the booklet for  
Hex(AA423A) contains.

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# Color

**Hex(AA423A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AA423A
RGB	170, 66, 58
RGB Percent	67%, 26%, 23%
CMY	0.3333, 0.7412, 0.7725
CMYK	0.00, 0.61, 0.66, 0.33
HSL	4°, 49%, 45%
HSV	4°, 66%, 67%
XYZ	19.2895, 12.7480, 5.4469
YIQ	96.1840, 64.5520, 19.5600

# Conversions

## Conversions Part 2

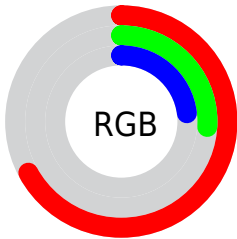
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	170, 67, 58
Decimal	11158074
CIE <sub>Lab</sub>	42.38, 42.19, 26.96
CIE <sub>LCh</sub>	42, 50.069, 32.584
Yxy	12.7480, 0.5146, 0.3401
Android (android.graphics.Color)	4289348154 (0xFFAA423A)
YUV	96.1840, -18.8247, 64.7366
Hunter-Lab	35.7043, 33.9534, 15.9479

# Details

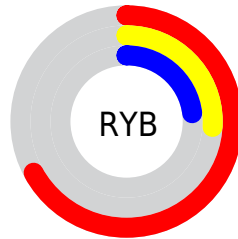
The Hex color **AA423A** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **3AA2AA**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **E67669**, and **700810** is the 20% darker color. If you saturate the color by 10%, you get **AA3229**, and if you desaturate by 10%, it is **AA524B**.

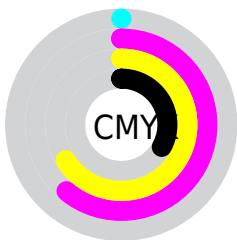
# Distribution



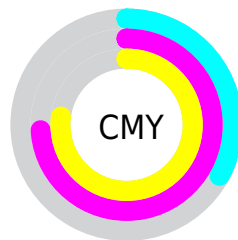
- Red (67%)
- Green (26%)
- Blue (23%)



- Red (67%)
- Yellow (26%)
- Blue (23%)



- Cyan (0%)
- Magenta (61%)
- Yellow (66%)
- Black (33%)



- Cyan (33%)
- Magenta (74%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AA423A 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 AA423A by changing the saturation by 10% instead.



 AA423A

 AA423A

FFFFFF

 8D2824

 E67669

 700810

 FF9183

 530000

 FFAC9D

 380001

 FFC8B8

 150000

 FFE5D3

 000000

 FFFFF0

 AA423A

 AA423A

 AA3229

 AA524B

■ AA2218

■ AA625C

■ AA1307

■ AA716D

■ AA0C00

■ AA817E

■ AA918F

■ AAA1A0

■ AAB0B1

■ AAC0C2

■ AAD0D3

# Harmonies

## Analogous

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



AD3A62



AA423A



955317

# Triad

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



AA423A



00743C



0068B7

# Complementary

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



AA423A



3AA2AA

# 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.



0072AD



AA423A



007767

# Square

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



AA423A



4B6E15



007790



6857AA

# Rectangle

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



AA423A



815F01



007790



006CB6



# Sweetspot

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



AA423A



DEB5B1



AA3AA3



705755



F0F0F0



707070



# Same Dimension

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



AA423A



DE3B2F



AA793A



544C4C



940B00



140100



# Inverse Universe

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



3AA2AA



2FD1DE



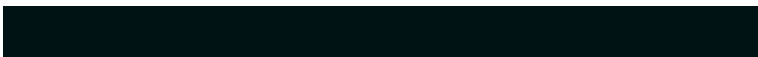
3A6BAA



4C5454



008994

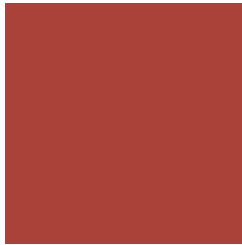


001314



# Previews

## White Background



This preview shows how the Hex color AA423A looks on a white background.

## Color Contrast Check

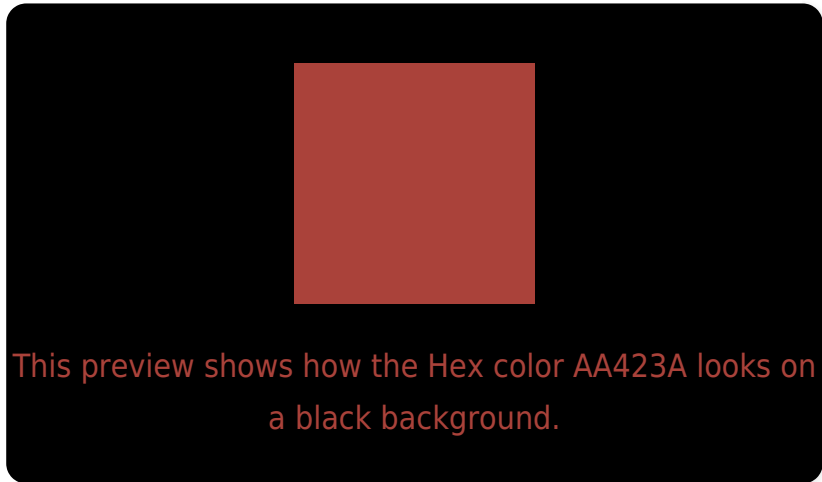
Large Text (above 18pt) WCAG AA ✓ Pass

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 AA423A Background



This preview shows how black text looks on a background with the Hex color AA423A.



This preview shows how white text looks on a background with the Hex color AA423A.

# 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**

AA423A

**Protanopia**

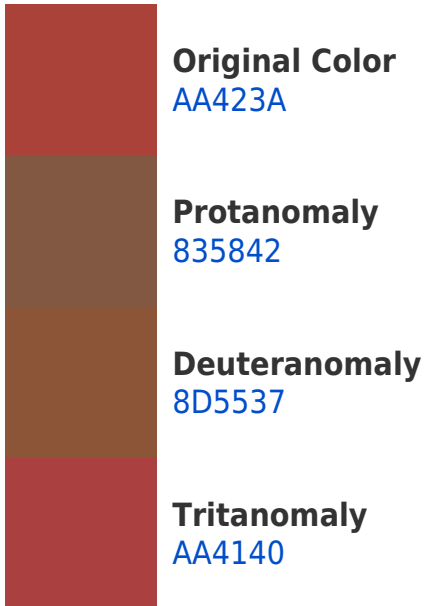
6D6547

**Deuteranopia**

7C6035



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AA423A 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 #AA423A looks like.

```
.text, #text, p{  
    color:#AA423A  
}
```

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 #AA423A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA423A
}
```

## Border

The CSS property to change the border of an element to Hex AA423A is called "border". The border property can be set on classes, ids or directly on the HTML element.

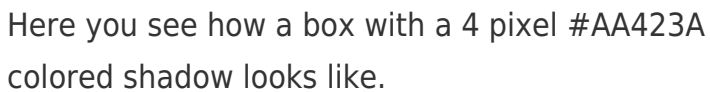
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AA423A }
```

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

```
.border{ border-color:#AA423A }
```

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



Here you see how a box with a 4 pixel #AA423A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA423A; -webkit-box-shadow:4px 4px  
4px 4px #AA423A; box-shadow:4px 4px 4px  
4px #AA423A }
```

# Background

The CSS property to change the background color of an element to Hex AA423A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA423A }
```

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

```
.background{ background-color:#AA423A }
```

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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