

# Converting Colors

Hex(AA4D42)

Have a look what the booklet for  
Hex(AA4D42) contains.

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**Color**

**Hex(AA4D42)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AA4D42
RGB	170, 77, 66
RGB Percent	67%, 30%, 26%
CMY	0.3333, 0.6980, 0.7412
CMYK	0.00, 0.55, 0.61, 0.33
HSL	6°, 44%, 46%
HSV	6°, 61%, 67%
XYZ	20.2148, 14.2471, 6.8388
YIQ	103.5530, 58.9590, 16.2950

# Conversions

## Conversions Part 2

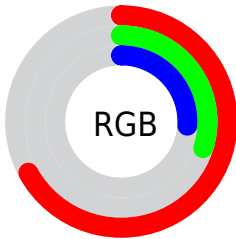
<b>Format</b>	<b>Color</b>
<b>RYB</b>	170, 78, 66
Decimal	11160898
CIELab	44.59, 37.31, 24.96
CIElCh	45, 44.890, 33.777
Yxy	14.2471, 0.4895, 0.3450
Android (android.graphics.Color)	4289350978 (0xFFAA4D42)
YUV	103.5530, -18.5136, 58.2740
Hunter-Lab	37.7454, 29.5425, 15.6795

# Details

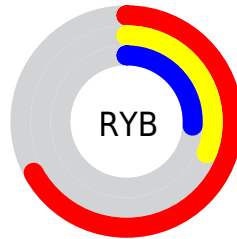
The Hex color **AA4D42** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **429FAA**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **E58172**, and **711A17** is the 20% darker color. If you saturate the color by 10%, you get **AA3E31**, and if you desaturate by 10%, it is **AA5C53**.

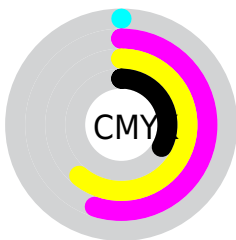
# Distribution



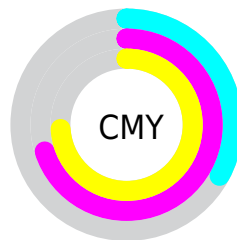
- Red (67%)
- Green (30%)
- Blue (26%)



- Red (67%)
- Yellow (31%)
- Blue (26%)



- Cyan (0%)
- Magenta (55%)
- Yellow (61%)
- Black (33%)



- Cyan (33%)
- Magenta (70%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AA4D42 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 AA4D42 by changing the saturation by 10% instead.



■ AA4D42

■ AA4D42

FFFFFF

■ 8D342C

■ E58172

■ 711A17

■ FF9B8C

■ 550000

■ FFB7A6

■ 390000

■ FFD3C1

■ 1B0001

■ FFF0DD

■ 000000

■ FFFFFA

■ AA4D42

■ AA4D42

■ AA3E31

■ AA5C53

■ AA2F20

■ AA6B64

■ AA1F0F

■ AA7B75

■ AA1200

■ AA8A86

■ AA9997

■ AAA8A8

■ AAB7B9

■ AAC7CA

■ AAD6DB

# Harmonies

## Analogous

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



AD4766



AA4D42



975B25

# Triad

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



AA4D42



107947



186CB4

# Complementary

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



AA4D42



429FAA

# 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.



0076AC



AA4D42



007B6D

# Square

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



AA4D42



527327



007B92



715EA8

# Rectangle

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



AA4D42



846519



007B92



0070B4



# Sweetspot

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



AA4D42



DEBAB6



AA42A0



705A58



F0F0F0



707070



# Same Dimension

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



AA4D42



DE4D3C



AA8042



544D4C



941000



140200



# Inverse Universe

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



429FAA



3CCDDE



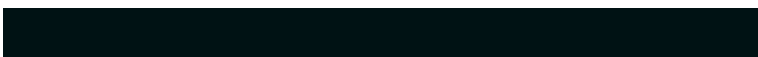
426CAA



4C5354



008494



001214



# Previews

## White Background



This preview shows how the Hex color AA4D42 looks on a white background.

## Color Contrast Check

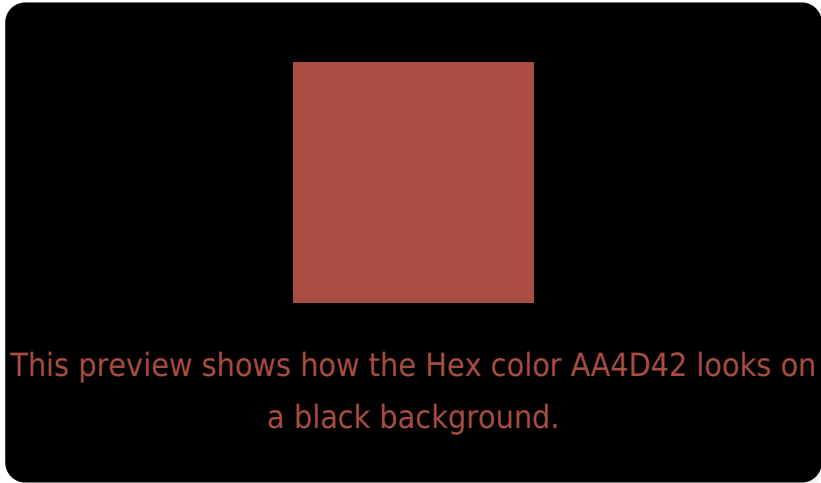
Large Text (above 18pt) WCAG AA ✓ Pass

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 AA4D42 Background



This preview shows how black text looks on a background with the Hex color AA4D42.



This preview shows how white text looks on a background with the Hex color AA4D42.

# 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**  
AA4D42

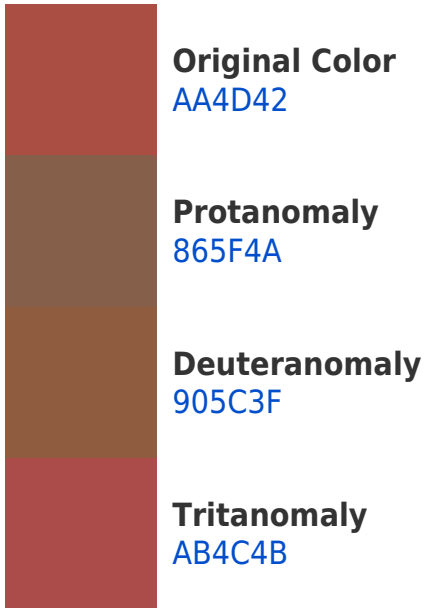
**Protanopia**  
726A4E

**Deuteranopia**  
81653E

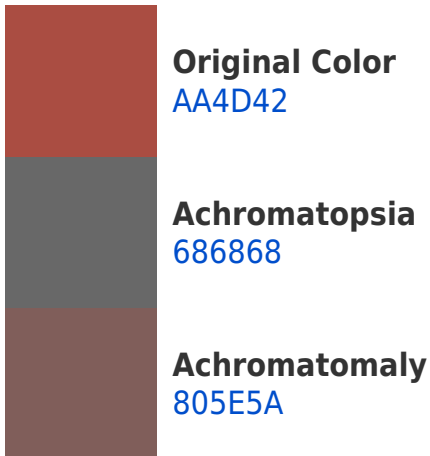


**Tritanopia**  
AB4B50

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AA4D42 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 #AA4D42 looks like.

```
.text, #text, p{  
    color:#AA4D42  
}
```

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 #AA4D42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA4D42
}
```

## Border

The CSS property to change the border of an element to Hex AA4D42 is called "border". The border property can be set on classes, ids or directly on the HTML element.

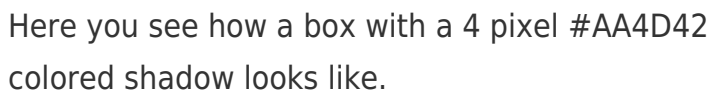
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AA4D42 }
```

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

```
.border{ border-color:#AA4D42 }
```

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



Here you see how a box with a 4 pixel #AA4D42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA4D42; -webkit-box-shadow:4px 4px  
4px 4px #AA4D42; box-shadow:4px 4px 4px  
4px #AA4D42 }
```

# Background

The CSS property to change the background color of an element to Hex AA4D42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA4D42 }
```

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

```
.background{ background-color:#AA4D42 }
```

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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