

# Converting Colors

Hex(AC4D3B)

Have a look what the booklet for  
Hex(AC4D3B) contains.

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# Color

**Hex(AC4D3B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AC4D3B
RGB	172, 77, 59
RGB Percent	67%, 30%, 23%
CMY	0.3255, 0.6980, 0.7686
CMYK	0.00, 0.55, 0.66, 0.33
HSL	10°, 49%, 45%
HSV	10°, 66%, 67%
XYZ	20.4566, 14.3942, 5.8378
YIQ	103.3530, 62.3980, 14.5420

# Conversions

## Conversions Part 2

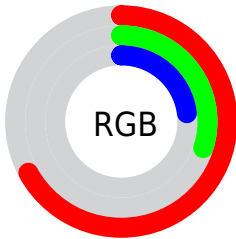
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	172, 80, 59
Decimal	11291963
CIE Lab	44.79, 37.60, 29.40
CIE LCh	45, 47.731, 38.021
Yxy	14.3942, 0.5028, 0.3538
Android (android.graphics.Color)	4289482043 (0xFFAC4D3B)
YUV	103.3530, -21.8660, 60.2034
Hunter-Lab	37.9397, 29.8504, 17.4347

# Details

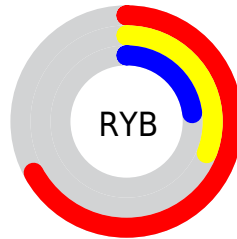
The Hex color **AC4D3B** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **3B9AAC**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **E8816B**, and **721A10** is the 20% darker color. If you saturate the color by 10%, you get **AC3F2A**, and if you desaturate by 10%, it is **AC5B4C**.

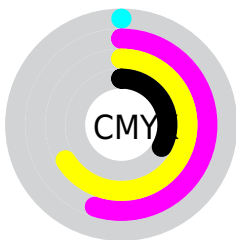
# Distribution



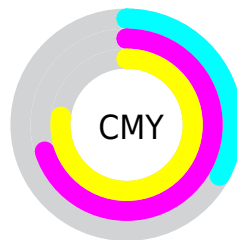
- Red (67%)
- Green (30%)
- Blue (23%)



- Red (67%)
- Yellow (31%)
- Blue (23%)



- Cyan (0%)
- Magenta (55%)
- Yellow (66%)
- Black (33%)



- Cyan (33%)
- Magenta (70%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AC4D3B 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 AC4D3B by changing the saturation by 10% instead.



 AC4D3B

 AC4D3B

FFFFFF

 8F3425

 E8816B

 721A10

 FF9B84

 560000

 FFB79E

 3A0000

 FFD3B9

 1D0001

 FFF0D5

 000000

 FFFFF2

 AC4D3B

 AC4D3B

 AC3F2A

 AC5B4C

■ AC3019

■ AC6A5D

■ AC2207

■ AC786F

■ AC1B00

■ AC8780

■ AC9591

■ ACA4A2

■ ACB2B3

■ ACC1C5

■ ACCFD6

# Harmonies

## Analogous

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



B24461



AC4D3B



965D1C

# Triad

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



AC4D3B



007B4B



246BB9

# Complementary

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



AC4D3B



3B9AAC

# 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.



0076B3



AC4D3B



007D74

# Square

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



AC4D3B



4A7526



007C9A



795BA9

# Rectangle

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



AC4D3B



816710



007C9A



006FBA



# Sweetspot

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



AC4D3B



E0BBB4



AC3B9B



705A55



F0F0F0



707070



# Same Dimension

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



AC4D3B



E04B2F



AC843B



574F4E



961800



170400



# Inverse Universe

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



3B9AAC



2FC4E0



3B63AC



4E5557



007E96



001317



# Previews

## White Background



This preview shows how the Hex color AC4D3B looks on a white background.

## Color Contrast Check

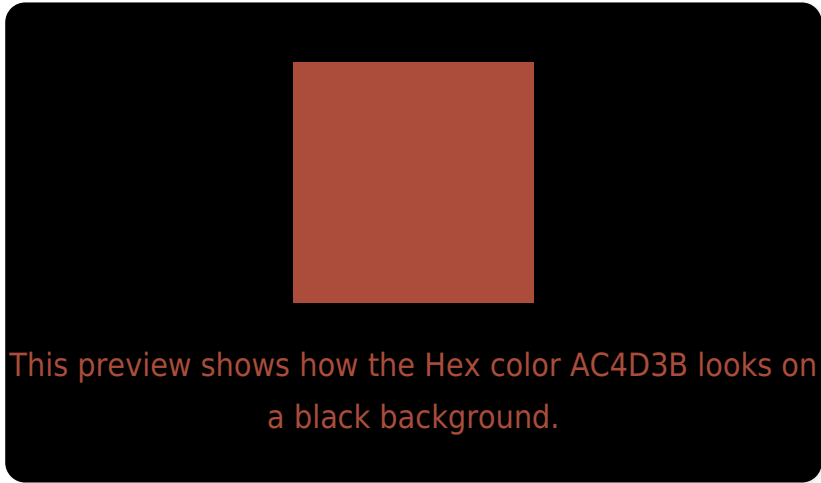
Large Text (above 18pt) WCAG AA ✓ Pass

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 AC4D3B Background



This preview shows how black text looks on a background with the Hex color AC4D3B.



This preview shows how white text looks on a background with the Hex color AC4D3B.

# 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



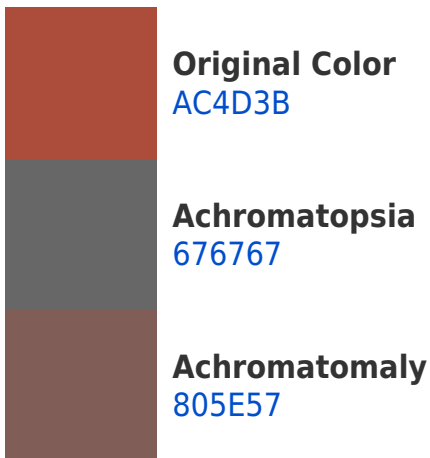


**Tritanopia**  
AD4A4F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AC4D3B 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 #AC4D3B looks like.

```
.text, #text, p{  
    color:#AC4D3B  
}
```

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 #AC4D3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC4D3B  
}
```

## Border

The CSS property to change the border of an element to Hex AC4D3B is called "border". The border property can be set on classes, ids or directly on the HTML element.

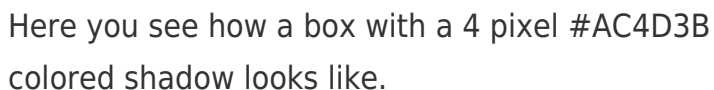
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#AC4D3B }
```

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

```
.border{ border-color:#AC4D3B }
```

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



Here you see how a box with a 4 pixel `#AC4D3B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC4D3B; -webkit-box-shadow:4px 4px  
4px 4px #AC4D3B; box-shadow:4px 4px 4px  
4px #AC4D3B }
```

# Background

The CSS property to change the background color of an element to Hex AC4D3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC4D3B }
```

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

```
.background{ background-color:#AC4D3B }
```

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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