

# Converting Colors

Hex(AC4448)

Have a look what the booklet for  
Hex(AC4448) contains.

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# Color

**Hex(AC4448)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AC4448
RGB	172, 68, 72
RGB Percent	67%, 27%, 28%
CMY	0.3255, 0.7333, 0.7176
CMYK	0.00, 0.60, 0.58, 0.33
HSL	358°, 43%, 47%
HSV	358°, 60%, 67%
XYZ	20.2501, 13.3728, 7.6448
YIQ	99.5520, 60.7000, 23.2920

# Conversions

## Conversions Part 2

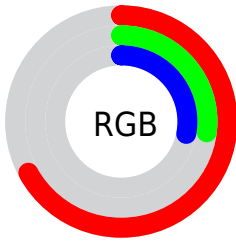
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	172, 68, 72
Decimal	11289672
CIE <sub>Lab</sub>	43.32, 42.94, 19.77
CIE <sub>LCh</sub>	43, 47.273, 24.718
Yxy	13.3728, 0.4907, 0.3240
Android (android.graphics.Color)	4289479752 (0xFFAC4448)
YUV	99.5520, -13.5831, 63.5369
Hunter-Lab	36.5688, 34.8494, 13.2035

# Details

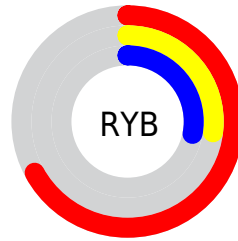
The Hex color **AC4448** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **44ACA8**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **E87878**, and **720A1D** is the 20% darker color. If you saturate the color by 10%, you get **AC3337**, and if you desaturate by 10%, it is **AC5559**.

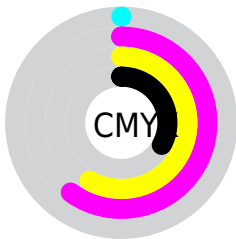
# Distribution



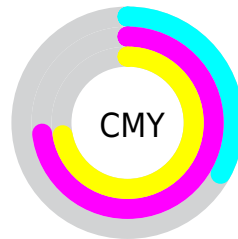
- Red (67%)
- Green (27%)
- Blue (28%)



- Red (67%)
- Yellow (27%)
- Blue (28%)



- Cyan (0%)
- Magenta (60%)
- Yellow (58%)
- Black (33%)



- Cyan (33%)
- Magenta (73%)
- Yellow (72%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AC4448 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 AC4448 by changing the saturation by 10% instead.



 AC4448

 AC4448

FFFFFF

 8F2A32

 E87878

 720A1D

 FF9392

 560004

 FFAFAD

 3B0000

 FFCBC8

 1B0001

 FFE7E4

 000000

 AC4448

 AC4448

 AC3337

 AC5559

 AC2227

 AC6669

 AC1016

 AC787A

 AC0007

 AC898A

 AC9A9B

 ACABAB

 ACBCBC

 ACCECC

 ACDFDD

# Harmonies

## Analogous

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



A9416F



AC4448



9D5226

# Triad

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



AC4448



247537



006DB4

# Complementary

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



AC4448



44ACA8

# 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.



0075A6



AC4448



00785E

# Square

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



AC4448



5B6E17



007986



5A5FAE

# Rectangle

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



AC4448



8B5D14



007986



0070B2



# Sweetspot

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



AC4448



E0B8BA



A744AC



705858



F0F0F0



707070



# Same Dimension

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



AC4448



E03D43



AC7344



574E4E



960006



170001



# Inverse Universe

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



AC4448



E03D43



447DAC



574E4E



960006



170001



# Previews

## White Background



This preview shows how the Hex color AC4448 looks on a white background.

## Color Contrast Check

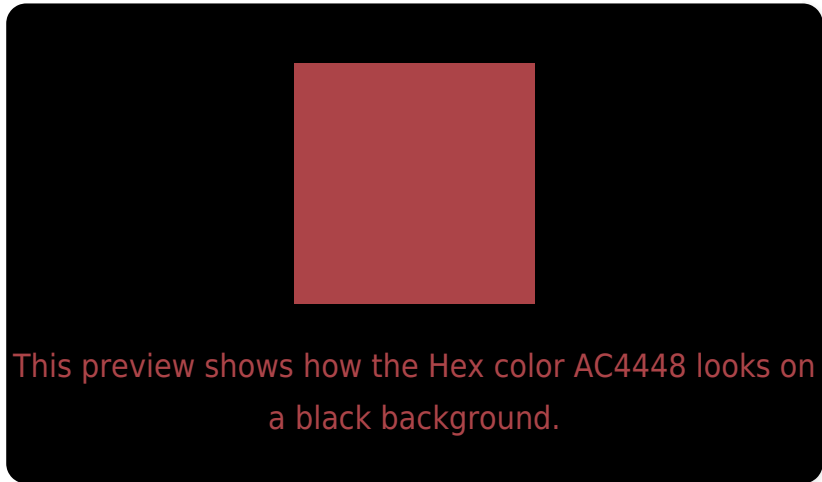
Large Text (above 18pt) WCAG AA ✓ Pass

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 AC4448 Background



This preview shows how black text looks on a background with the Hex color AC4448.




This preview shows how white text looks on a background with the Hex color AC4448.

# 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**  
AC4448

# Trichromacy



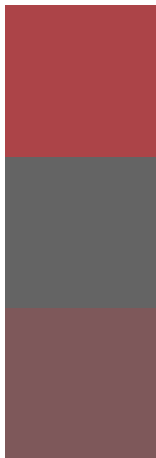
**Original Color**  
AC4448

**Protanomaly**  
835A52

**Deuteranomaly**  
8D5845

**Tritanomaly**  
AC4448

# Monochromacy



**Original Color**  
AC4448

**Achromatopsia**  
646464

**Achromatomaly**  
7E585A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AC4448 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 #AC4448 looks like.

```
.text, #text, p{  
    color:#AC4448  
}
```

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 #AC4448 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC4448
}
```

## Border

The CSS property to change the border of an element to Hex AC4448 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
#AC4448 }
```

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

```
.border{ border-color:#AC4448 }
```

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

Here you see how a box with a 4 pixel #AC4448 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC4448; -webkit-box-shadow:4px 4px  
4px 4px #AC4448; box-shadow:4px 4px 4px  
4px #AC4448 }
```

# Background

The CSS property to change the background color of an element to Hex AC4448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC4448 }
```

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

```
.background{ background-color:#AC4448 }
```

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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