

# Converting Colors

Hex(AC8A53)

Have a look what the booklet for  
Hex(AC8A53) contains.

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**Color**

**Hex(AC8A53)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AC8A53
RGB	172, 138, 83
RGB Percent	67%, 54%, 33%
CMY	0.3255, 0.4588, 0.6745
CMYK	0.00, 0.20, 0.52, 0.33
HSL	37°, 35%, 50%
HSV	37°, 52%, 67%
XYZ	27.6631, 27.5721, 12.0476
YIQ	141.8960, 37.9190, -9.8970

# Conversions

## Conversions Part 2

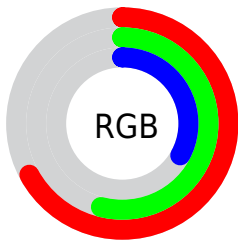
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	138, 172, 83
Decimal	11307603
CIE <sub>Lab</sub>	59.50, 5.92, 34.16
CIE <sub>LCh</sub>	60, 34.666, 80.166
Yxy	27.5721, 0.4111, 0.4098
Android (android.graphics.Color)	4289497683 (0xFFAC8A53)
YUV	141.8960, -29.0357, 26.4012
Hunter-Lab	52.5092, 2.1469, 23.1531

# Details

The Hex color **AC8A53** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **5375AC**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **E5BF86**, and **755824** is the 20% darker color. If you saturate the color by 10%, you get **AC8342**, and if you desaturate by 10%, it is **AC9164**.

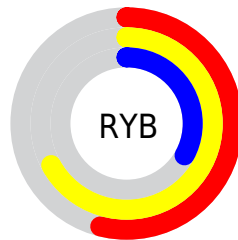
# Distribution



Red (67%)

Green (54%)

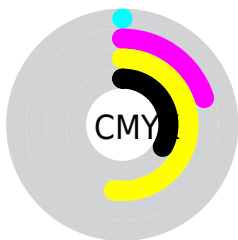
Blue (33%)



Red (54%)

Yellow (67%)

Blue (33%)

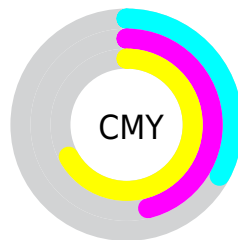


Cyan (0%)

Magenta (20%)

Yellow (52%)

Black (33%)



Cyan (33%)

Magenta (46%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AC8A53 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 AC8A53 by changing the saturation by 10% instead.



 AC8A53

 AC8A53

FFFFFF

 90713B

 E5BF86

 755824

 FFDBA0

 5B410C

 FFF8BB

 422B00

 FFFFD7

 291700

 FFFFF4

 0A0000

 000000

 AC8A53

 AC8A53

 AC8342

 AC9164

■ AC7D31

■ AC9775

■ AC761F

■ AC9E87

■ AC700E

■ ACA498

■ AC6A00

■ ACABA9

■ ACB1BA

■ ACB8CB

■ ACBFDD

■ ACC5EE

# Harmonies

## Analogous

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



C17F62



AC8A53



8E9455

# Triad

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



AC8A53



029FA3



AC80B7

# Complementary

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



AC8A53



5375AC

# 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.



848BC8



AC8A53



059CBD

# Square

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



AC8A53



429F84



4F95CB



C4789B

# Rectangle

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



AC8A53



789960



4F95CB



A084BE



# Sweetspot

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



AC8A53



E0D3BC



AC5375



70685B



F0F0F0



707070



# Same Dimension

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



AC8A53



E0AB55



A2AC53



57534E



965D00



170E00



# Inverse Universe

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



5375AC



558AE0



5D53AC



4E5157



003996



000917



# Previews

## White Background



This preview shows how the Hex color AC8A53 looks on a white background.

## Color Contrast Check

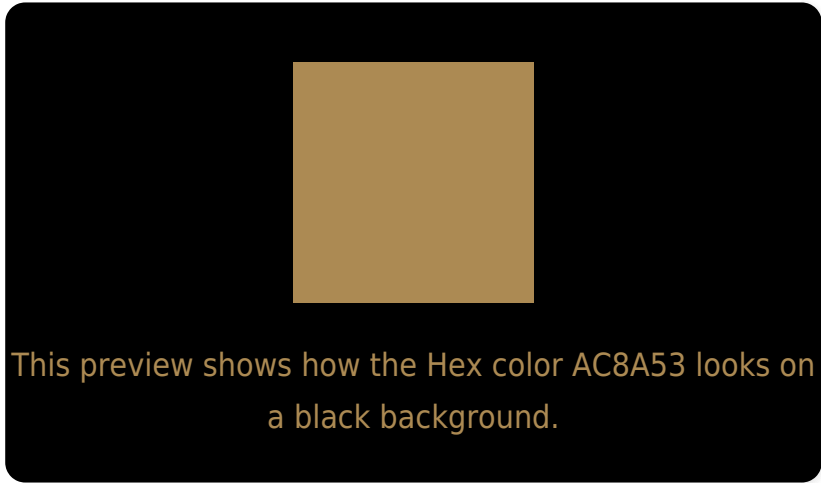
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

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



## Hex AC8A53 Background



This preview shows how black text looks on a background with the Hex color AC8A53.



This preview shows how white text looks on a background with the Hex color AC8A53.

# 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**  
AC8A53

**Protanopia**  
9D9055

**Deuteranopia**  
AF8953

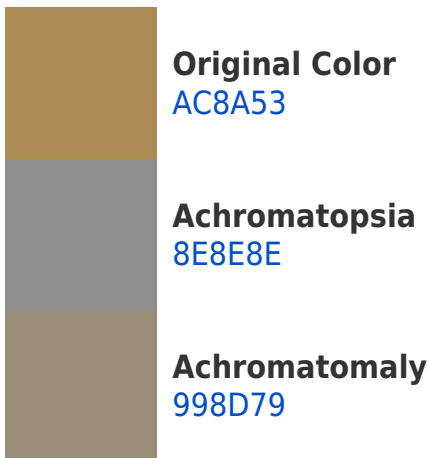


**Tritanopia**  
B1838D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AC8A53 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 #AC8A53 looks like.

```
.text, #text, p{  
    color:#AC8A53  
}
```

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 #AC8A53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC8A53
}
```

## Border

The CSS property to change the border of an element to Hex AC8A53 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
#AC8A53 }
```

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

```
.border{ border-color:#AC8A53 }
```

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

Here you see how a box with a 4 pixel #AC8A53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC8A53; -webkit-box-shadow:4px 4px  
4px 4px #AC8A53; box-shadow:4px 4px 4px  
4px #AC8A53 }
```

# Background

The CSS property to change the background color of an element to Hex AC8A53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC8A53 }
```

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

```
.background{ background-color:#AC8A53 }
```

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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