

Converting Colors

Hex(AC8333)

Have a look what the booklet for
Hex(AC8333) contains.

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Color

Hex(AC8333)

Conversions

Conversions Part 1

Format	Color
Hex	AC8333
RGB	172, 131, 51
RGB Percent	67%, 51%, 20%
CMY	0.3255, 0.4863, 0.8000
CMYK	0.00, 0.24, 0.70, 0.33
HSL	40°, 54%, 44%
HSV	40°, 70%, 67%
XYZ	25.7271, 25.2423, 6.6482
YIQ	134.1390, 50.1160, -16.1880

Conversions

Conversions Part 2

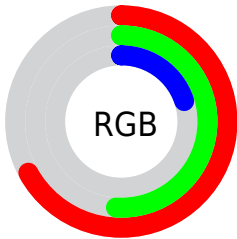
Format	Color
RYB	113, 172, 51
Decimal	11305779
CIELab	57.31, 7.44, 47.64
CIELCh	57, 48.220, 81.123
Yxy	25.2423, 0.4465, 0.4381
Android (android.graphics.Color)	4289495859 (0xFFAC8333)
YUV	134.1390, -40.9875, 33.2041
Hunter-Lab	50.2417, 3.4810, 27.3236

Details

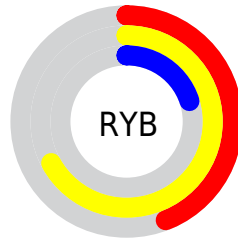
The Hex color **AC8333** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **335CAC**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **E6B866**, and **745200** is the 20% darker color. If you saturate the color by 10%, you get **AC7D22**, and if you desaturate by 10%, it is **AC8944**.

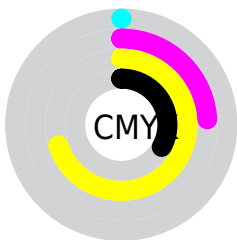
Distribution



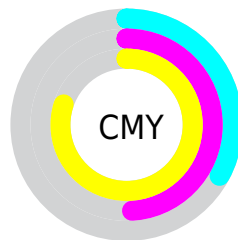
- Red (67%)
- Green (51%)
- Blue (20%)



- Red (44%)
- Yellow (67%)
- Blue (20%)



- Cyan (0%)
- Magenta (24%)
- Yellow (70%)
- Black (33%)



- Cyan (33%)
- Magenta (49%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC8333 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 AC8333 by changing the saturation by 10% instead.

 AC8333

 AC8333

FFFFFF

 906A19

 E6B866

 745200

 FFD380

 593B00

 FFF09A

 3E2600

 FFFFB6

 251200

 FFFF D2

 000000

 FFFF EF

 AC8333

 AC8333

 AC7D22

 AC8944

■ AC7711

■ AC8F55

■ AC7200

■ AC9467

■ AC9A78

■ ACA089

■ ACA69A

■ ACACAB

■ ACB2BD

■ ACB7CE

Harmonies

Analogous

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



C97349



AC8333



849036

Triad

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



AC8333



009EA7



B172BF

Complementary

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



AC8333



335CAC

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.



7784D8



AC8333



009BCA

Square

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



AC8333



009E7B



0092DC



D06698

Rectangle

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



AC8333



649747



0092DC



A178C9

Sweetspot

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



AC8333



E0D0B1



AC335D



706754



F0F0F0



707070

Same Dimension

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



AC8333



E0A124



9AAC33



57544E



966300



170F00

Inverse Universe

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



335CAC



2464E0



4533AC



4E5157



003396



000817

Previews

White Background



This preview shows how the Hex color AC8333 looks on a white background.

Color Contrast Check

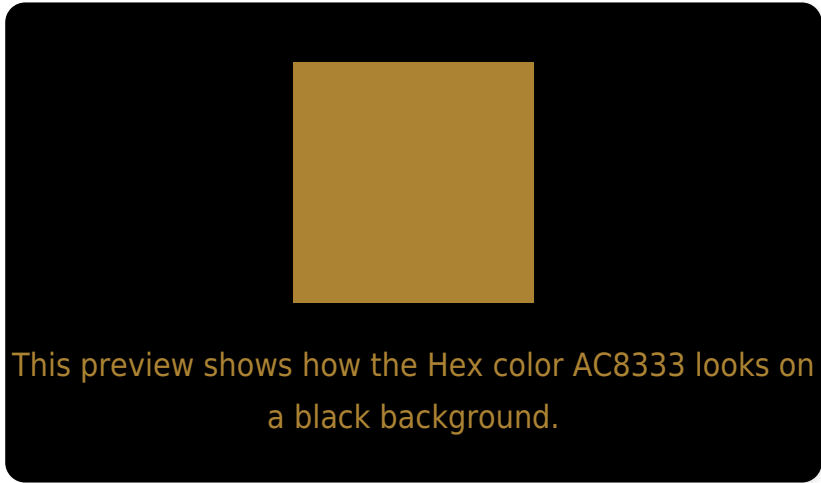
Large Text (above 18pt) WCAG AA ✓ Pass

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 AC8333 Background



This preview shows how black text looks on a background with the Hex color AC8333.



This preview shows how white text looks on a background with the Hex color AC8333.

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
AC8333

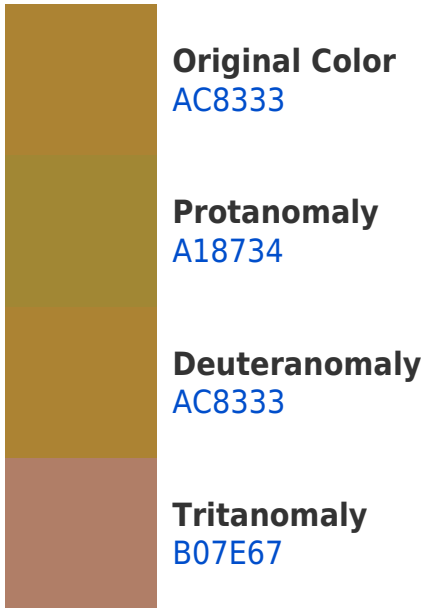
Protanopia
9A8A35

Deuteranopia
AC8333

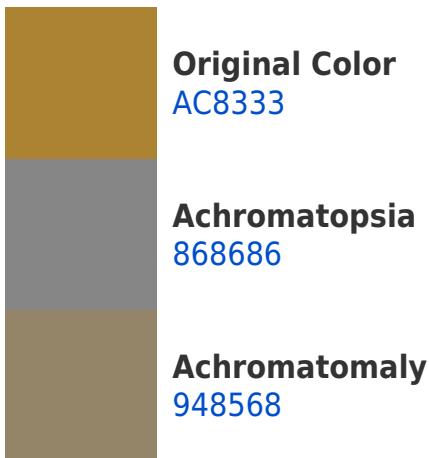


Tritanopia
B27B84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AC8333 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 #AC8333 looks like.

```
.text, #text, p{  
    color:#AC8333  
}
```

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 #AC8333 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC8333  
}
```

Border

The CSS property to change the border of an element to Hex AC8333 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  
#AC8333 }
```

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

```
.border{ border-color:#AC8333 }
```

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

Here you see how a box with a 4 pixel #AC8333 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC8333; -webkit-box-shadow:4px 4px  
4px 4px #AC8333; box-shadow:4px 4px 4px  
4px #AC8333 }
```

Background

The CSS property to change the background color of an element to Hex AC8333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC8333 }
```

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

```
.background{ background-color:#AC8333 }
```

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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