

Converting Colors

Hex(AC6838)

Have a look what the booklet for
Hex(AC6838) contains.

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Color

Hex(AC6838)

Conversions

Conversions Part 1

Format	Color
Hex	AC6838
RGB	172, 104, 56
RGB Percent	67%, 41%, 22%
CMY	0.3255, 0.5922, 0.7804
CMYK	0.00, 0.40, 0.67, 0.33
HSL	25°, 51%, 45%
HSV	25°, 67%, 67%
XYZ	22.6774, 18.9568, 6.2052
YIQ	118.8600, 55.9360, -0.5120

Conversions

Conversions Part 2

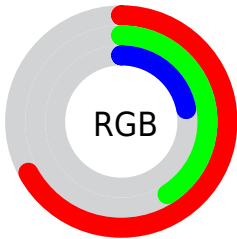
Format	Color
RYB	172, 138, 56
Decimal	11298872
CIELab	50.64, 22.89, 37.93
CIElCh	51, 44.296, 58.890
Yxy	18.9568, 0.4740, 0.3963
Android (android.graphics.Color)	4289488952 (0xFFAC6838)
YUV	118.8600, -30.9900, 46.6038
Hunter-Lab	43.5394, 16.7772, 22.0277

Details

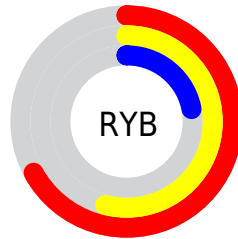
The Hex color **AC6838** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **387CAC**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **E79C69**, and **733808** is the 20% darker color. If you saturate the color by 10%, you get **AC5E27**, and if you desaturate by 10%, it is **AC7249**.

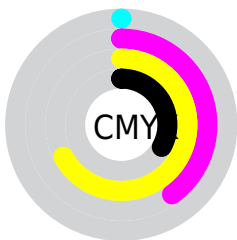
Distribution



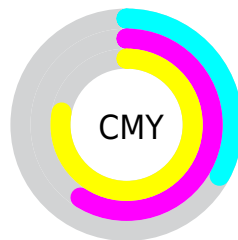
- Red (67%)
- Green (41%)
- Blue (22%)



- Red (67%)
- Yellow (54%)
- Blue (22%)



- Cyan (0%)
- Magenta (40%)
- Yellow (67%)
- Black (33%)



- Cyan (33%)
- Magenta (59%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC6838 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 AC6838 by changing the saturation by 10% instead.

 AC6838

 AC6838

FFFFFF

 8F5021

 E79C69

 733808

 FF782

 582100

 FFD29D

 3C0B00

 FFEFB8

 260001

 FFFFD4

 000000

 FFFFF0

 AC6838

 AC6838

 AC5E27

 AC7249

■ AC5416

■ AC7C5A

■ AC4A04

■ AC866C

■ AC4700

■ AC907D

■ AC9A8E

■ ACA49F

■ ACAFB0

■ ACB9C2

■ ACC3D3

Harmonies

Analogous

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



BD5B56



AC6838



8F7629

Triad

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



AC6838



008B76



786FBB

Complementary

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



AC6838



387CAC

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.



1F7DC4



AC6838



008B9C

Square

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



AC6838



368850



0086B9



A560A0

Rectangle

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



AC6838



777E2D



0086B9



6274C0

Sweetspot

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



AC6838



E0C6B4



AC387E



706055



F0F0F0



707070

Same Dimension

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



AC6838



E0762B



ACA038



57524E



963E00



170900

Inverse Universe

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



387CAC



2B95E0



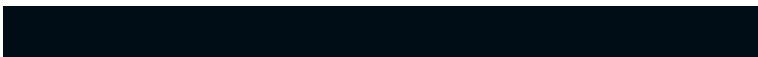
3844AC



4E5357



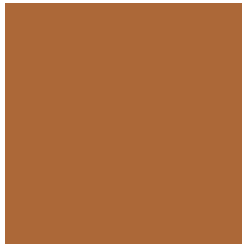
005896



000D17

Previews

White Background



This preview shows how the Hex color AC6838 looks on a white background.

Color Contrast Check

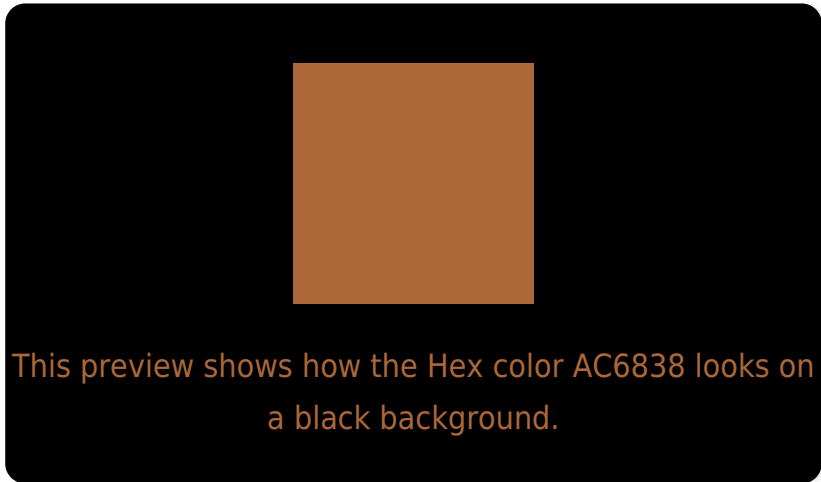
Large Text (above 18pt) WCAG AA ✓ Pass

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

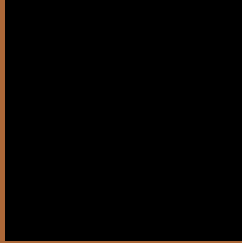
Any Text WCAG AA ✓ Pass

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 AC6838 Background



This preview shows how black text looks on a background with the Hex color AC6838.



This preview shows how white text looks on a background with the Hex color AC6838.

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
AC6838

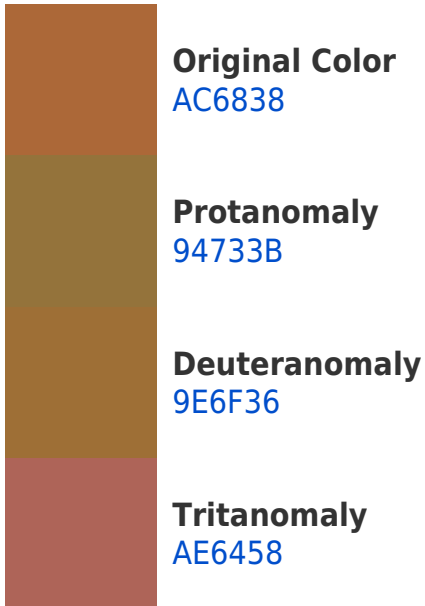
Protanopia
86793D

Deuteranopia
967335

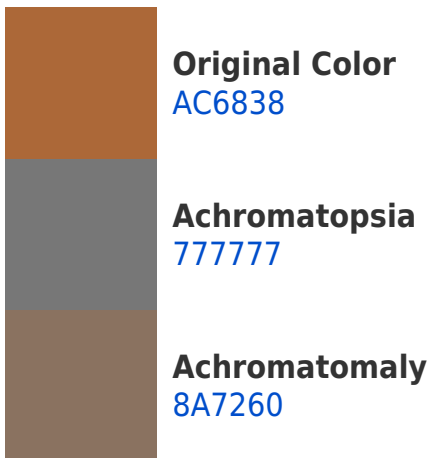


Tritanopia
AF626A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AC6838 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 #AC6838 looks like.

```
.text, #text, p{  
    color:#AC6838  
}
```

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 #AC6838 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC6838
}
```

Border

The CSS property to change the border of an element to Hex AC6838 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
#AC6838 }
```

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

```
.border{ border-color:#AC6838 }
```

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

Here you see how a box with a 4 pixel #AC6838 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC6838; -webkit-box-shadow:4px 4px  
4px 4px #AC6838; box-shadow:4px 4px 4px  
4px #AC6838 }
```

Background

The CSS property to change the background color of an element to Hex AC6838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC6838 }
```

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

```
.background{ background-color:#AC6838 }
```

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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