

Converting Colors

Hex(AC876F)

Have a look what the booklet for
Hex(AC876F) contains.

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Color

Hex(AC876F)

Conversions

Conversions Part 1

Format	Color
Hex	AC876F
RGB	172, 135, 111
RGB Percent	67%, 53%, 44%
CMY	0.3255, 0.4706, 0.5647
CMYK	0.00, 0.22, 0.35, 0.33
HSL	24°, 27%, 55%
HSV	24°, 35%, 67%
XYZ	28.5465, 27.2463, 18.7934
YIQ	143.3270, 29.7560, 0.3800

Conversions

Conversions Part 2

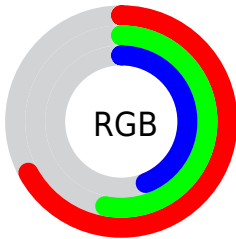
Format	Color
R_{YB}	172, 151, 111
Decimal	11306863
CIE _{Lab}	59.20, 10.70, 18.30
CIE _{LCh}	59, 21.200, 59.693
Yxy	27.2463, 0.3827, 0.3653
Android (android.graphics.Color)	4289496943 (0xFFAC876F)
YUV	143.3270, -15.9372, 25.1462
Hunter-Lab	52.1980, 6.2731, 15.1917

Details

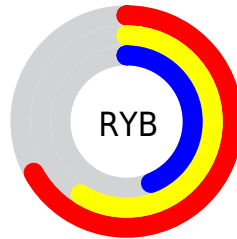
The Hex color **AC876F** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **6F94AC**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **E4BCA3**, and **76553F** is the 20% darker color. If you saturate the color by 10%, you get **AC7D5E**, and if you desaturate by 10%, it is **AC9180**.

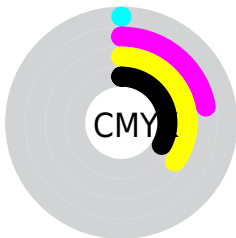
Distribution



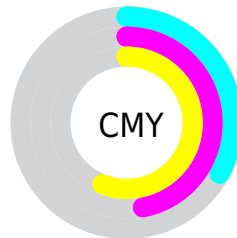
- Red (67%)
- Green (53%)
- Blue (44%)



- Red (67%)
- Yellow (59%)
- Blue (44%)



- Cyan (0%)
- Magenta (22%)
- Yellow (35%)
- Black (33%)



- Cyan (33%)
- Magenta (47%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC876F 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 AC876F by changing the saturation by 10% instead.

 AC876F

 AC876F

FFFFFF

 916E57

 E4BCA3

 76553F

 FFD8BE


 5D3E29

 FFF4DA

 442814

 FFFFF6

 2D1300

 110000

 000000

 AC876F

 AC876F

 AC7D5E

 AC9180

■ AC724D

■ AC9C91

■ AC683B

■ ACA6A3

■ AC5D2A

■ ACB1B4

■ AC5319

■ ACBBC5

■ AC4808

■ ACC6D6

■ AC4400

■ ACD0E7

■ ACDAF9

■ ACE5FF

Harmonies

Analogous

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



B4827D



AC876F



9C8D69

Triad

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



AC876F



61998E



918AAF

Complementary

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



AC876F



6F94AC

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.



7890B3



AC876F



5898A0

Square

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



AC876F



73977B



6195AE



A684A2

Rectangle

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



AC876F



8F916B



6195AE



898CB1

Sweetspot

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



AC876F



E0D1C8



AC6F95



706762



F0F0F0



707070

Same Dimension

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



AC876F



E0A680



ACA56F



57514E



963B00



170900

Inverse Universe

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



6F94AC



80BAE0



6F76AC



4E5357



005B96



000E17

Previews

White Background



This preview shows how the Hex color AC876F looks on a white background.

Color Contrast Check

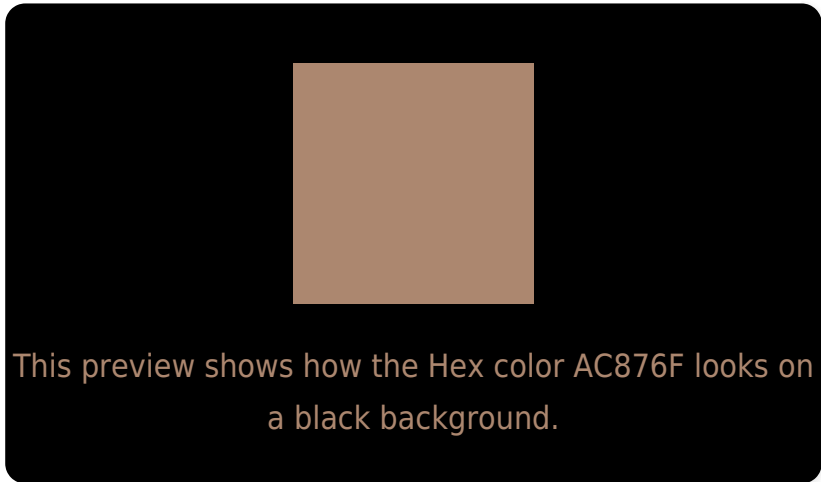
Large Text (above 18pt) WCAG AA ✓ Pass

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

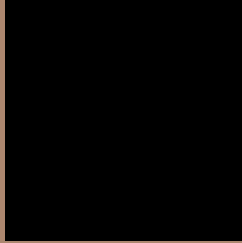
Any Text WCAG AA ✓ Pass

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 AC876F Background



This preview shows how black text looks on a background with the Hex color AC876F.



This preview shows how white text looks on a background with the Hex color AC876F.

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
AC876F

Protanopia
988E72

Deuteranopia
A7896F



Tritanopia
AF838D

Trichromacy



Original Color
AC876F

Protanomaly
9F8B71

Deuteranomaly
A9886F

Tritanomaly
AE8482

Monochromacy



Original Color
AC876F

Achromatopsia
8F8F8F

Achromatomaly
9A8C83

CSS Examples

Text

The CSS property to change the color of the text to Hex AC876F 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 #AC876F looks like.

```
.text, #text, p{  
    color:#AC876F  
}
```

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 #AC876F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC876F
}
```

Border

The CSS property to change the border of an element to Hex AC876F 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
#AC876F }
```

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

```
.border{ border-color:#AC876F }
```

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

Here you see how a box with a 4 pixel #AC876F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC876F; -webkit-box-shadow:4px 4px  
4px 4px #AC876F; box-shadow:4px 4px 4px  
4px #AC876F }
```

Background

The CSS property to change the background color of an element to Hex AC876F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC876F }
```

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

```
.background{ background-color:#AC876F }
```

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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