

Converting Colors

Hex(AC9727)

Have a look what the booklet for
Hex(AC9727) contains.

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Color

Hex(AC9727)

Conversions

Conversions Part 1

Format	Color
Hex	AC9727
RGB	172, 151, 39
RGB Percent	67%, 59%, 15%
CMY	0.3255, 0.4078, 0.8471
CMYK	0.00, 0.12, 0.77, 0.33
HSL	51°, 63%, 41%
HSV	51°, 77%, 67%
XYZ	28.4461, 31.0504, 6.4135
YIQ	144.5110, 48.4680, -30.3800

Conversions

Conversions Part 2

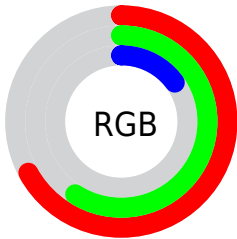
Format	Color
RYB	64, 172, 39
Decimal	11310887
CIELab	62.55, -4.13, 57.61
CIELCh	63, 57.762, 94.098
Yxy	31.0504, 0.4316, 0.4711
Android (android.graphics.Color)	4289500967 (0xFFAC9727)
YUV	144.5110, -52.0169, 24.1079
Hunter-Lab	55.7228, -6.3921, 32.1819

Details

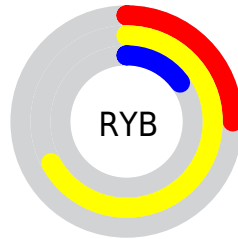
The Hex color **AC9727** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **273CAC**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **E7CD5D**, and **746500** is the 20% darker color. If you saturate the color by 10%, you get **AC9416**, and if you desaturate by 10%, it is **AC9A38**.

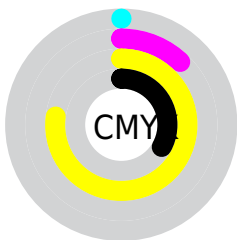
Distribution



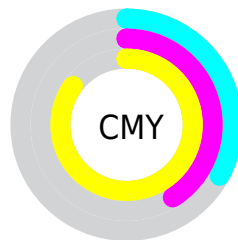
- Red (67%)
- Green (59%)
- Blue (15%)



- Red (25%)
- Yellow (67%)
- Blue (15%)



- Cyan (0%)
- Magenta (12%)
- Yellow (77%)
- Black (33%)



- Cyan (33%)
- Magenta (41%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC9727 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 AC9727 by changing the saturation by 10% instead.

 AC9727

 AC9727

FFFFFF

 907D01

 E7CD5D

 746500

 FFE978

 594D00

 FFFF93

 3E3600

 FFFFAF

 252100

 FFFFCB

 040C00

 FFFFEB

 000000

 AC9727

 AC9727

 AC9416

 AC9A38

■ AC9205

■ AC9C49

■ AC9100

■ AC9F5B

■ ACA26C

■ ACA57D

■ ACA78E

■ ACAA9F

■ ACADB1

■ ACAFC2

Harmonies

Analogous

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



D68439



AC9727



77A53C

Triad

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



AC9727



00AFCF



DB72C5

Complementary

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



AC9727



273CAC

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.



A287ED



AC9727



00A8F3

Square

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



AC9727



00B09D



2D9BFE



F46892

Rectangle

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



AC9727



47AB58



2D9BFE



CC78D4

Sweetspot

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



AC9727



E0D8AD



AC273D



706B51



F0F0F0



707070

Same Dimension

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



AC9727



E0BF10



80AC27



57554E



967F00



171300

Inverse Universe

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



273CAC



1031E0



5327AC



4E4F57



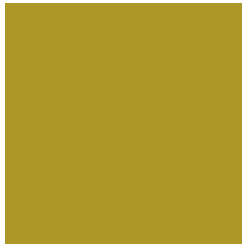
001896



000417

Previews

White Background



This preview shows how the Hex color AC9727 looks on a white background.

Color Contrast Check

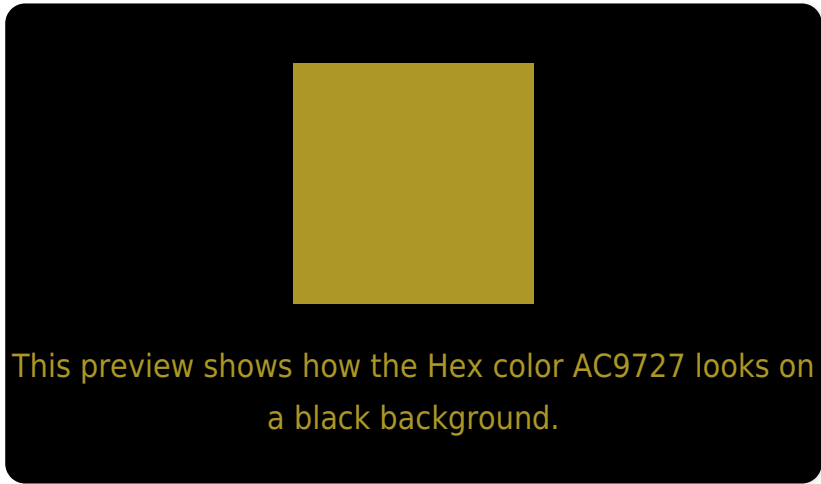
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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

Hex AC9727 Background



This preview shows how black text looks on a background with the Hex color AC9727.



This preview shows how white text looks on a background with the Hex color AC9727.

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
AC9727

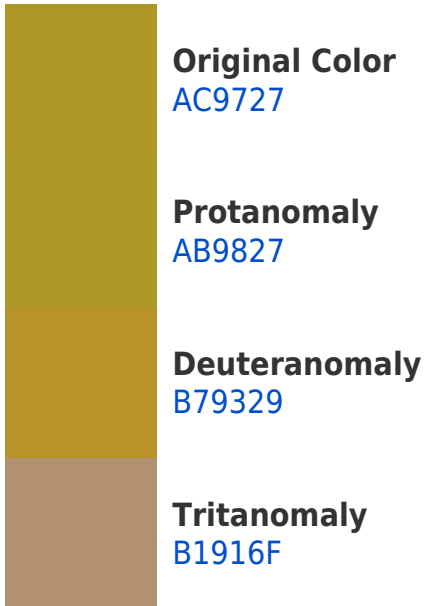
Protanopia
AA9827

Deuteranopia
BE902A

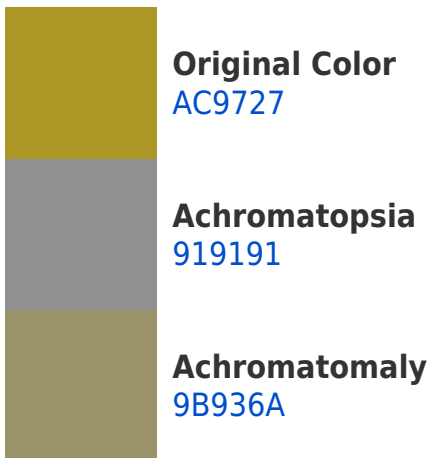


Tritanopia
B48D98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AC9727 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 #AC9727 looks like.

```
.text, #text, p{  
    color:#AC9727  
}
```

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 #AC9727 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC9727
}
```

Border

The CSS property to change the border of an element to Hex AC9727 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
#AC9727 }
```

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

```
.border{ border-color:#AC9727 }
```

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

Here you see how a box with a 4 pixel #AC9727 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC9727; -webkit-box-shadow:4px 4px  
4px 4px #AC9727; box-shadow:4px 4px 4px  
4px #AC9727 }
```

Background

The CSS property to change the background color of an element to Hex AC9727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC9727 }
```

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

```
.background{ background-color:#AC9727 }
```

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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