

Converting Colors

Hex(AA972C)

Have a look what the booklet for
Hex(AA972C) contains.

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Color

Hex(AA972C)

Conversions

Conversions Part 1

Format	Color
Hex	AA972C
RGB	170, 151, 44
RGB Percent	67%, 59%, 17%
CMY	0.3333, 0.4078, 0.8275
CMYK	0.00, 0.11, 0.74, 0.33
HSL	51°, 59%, 42%
HSV	51°, 74%, 67%
XYZ	28.0988, 30.8611, 6.8587
YIQ	144.4830, 45.6710, -29.2490

Conversions

Conversions Part 2

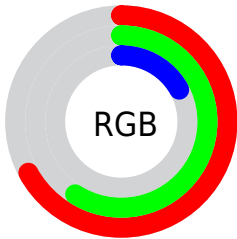
Format	Color
RYB	66, 170, 44
Decimal	11179820
CIELab	62.39, -4.81, 55.58
CIElCh	62, 55.785, 94.942
Yxy	30.8611, 0.4269, 0.4689
Android (android.graphics.Color)	4289369900 (0xFFAA972C)
YUV	144.4830, -49.5381, 22.3784
Hunter-Lab	55.5528, -6.9314, 31.5668

Details

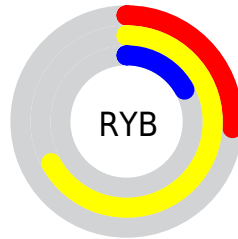
The Hex color **AA972C** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **2C3FAA**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **E4CD61**, and **726500** is the 20% darker color. If you saturate the color by 10%, you get **AA941B**, and if you desaturate by 10%, it is **AA9A3D**.

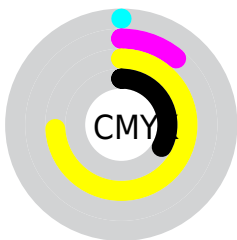
Distribution



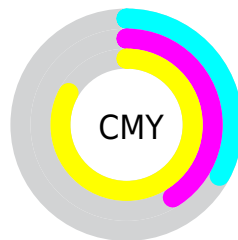
- Red (67%)
- Green (59%)
- Blue (17%)



- Red (26%)
- Yellow (67%)
- Blue (17%)



- Cyan (0%)
- Magenta (11%)
- Yellow (74%)
- Black (33%)



- Cyan (33%)
- Magenta (41%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA972C 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 AA972C by changing the saturation by 10% instead.

■ AA972C

■ AA972C

FFFFFF

■ 8E7D0B

■ E4CD61

■ 726500

■ FFE97C

■ 584D00

■ FFFF97

■ 3D3600

■ FFFFB3

■ 242100

■ FFFFCF

■ 010C00

■ FFFFEC

■ 000000

■ AA972C

■ AA972C

■ AA941B

■ AA9A3D

■ AA920A

■ AA9C4E

■ AA9000

■ AA9F5F

■ AAA170

■ AAA481

■ AAA692

■ AAA9A3

■ AAACB4

■ AAAEC5

Harmonies

Analogous

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



D3853B



AA972C



76A440

Triad

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



AA972C



00AECE



DA72C2

Complementary

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



AA972C



2C3FAA

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.



A486E8



AA972C



00A7F0

Square

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



AA972C



00AF9E



3D9AFA



F16991

Rectangle

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



AA972C



49AA5B



3D9AFA



CB79D0

Sweetspot

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



AA972C



DED6AD



AA2C41



706C53



F0F0F0



707070

Same Dimension

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



AA972C



DEC018



80AA2C



54534C



947E00



141100

Inverse Universe

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



2C3FAA



1836DE



562CAA



4C4D54



001694



000314

Previews

White Background



This preview shows how the Hex color AA972C looks on a white background.

Color Contrast Check

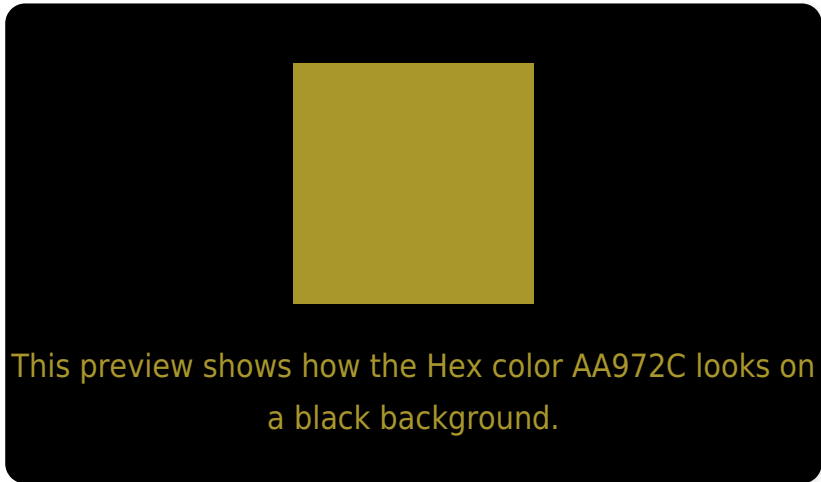
Large Text (above 18pt) WCAG AA × Fail

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 AA972C Background



This preview shows how black text looks on a background with the Hex color AA972C.



This preview shows how white text looks on a background with the Hex color AA972C.

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
AA972C

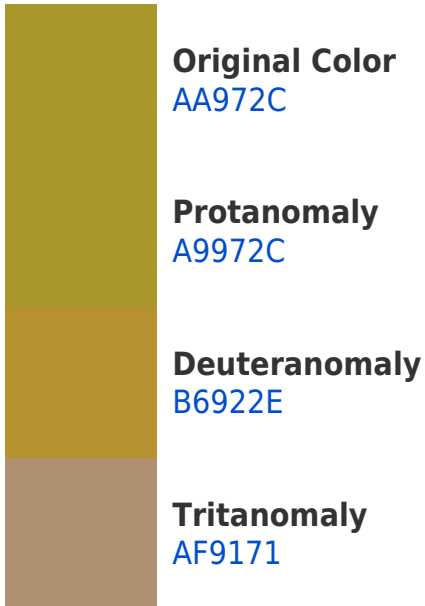
Protanopia
A9972C

Deuteranopia
BD8F2F



Tritanopia
B28D98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AA972C 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 #AA972C looks like.

```
.text, #text, p{  
    color:#AA972C  
}
```

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 #AA972C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA972C
}
```

Border

The CSS property to change the border of an element to Hex AA972C 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
#AA972C }
```

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

```
.border{ border-color:#AA972C }
```

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

Here you see how a box with a 4 pixel #AA972C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA972C; -webkit-box-shadow:4px 4px  
4px 4px #AA972C; box-shadow:4px 4px 4px  
4px #AA972C }
```

Background

The CSS property to change the background color of an element to Hex AA972C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA972C }
```

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

```
.background{ background-color:#AA972C }
```

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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