

Converting Colors

Hex(AA972E)

Have a look what the booklet for
Hex(AA972E) contains.

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Color

Hex(AA972E)

Conversions

Conversions Part 1

Format	Color
Hex	AA972E
RGB	170, 151, 46
RGB Percent	67%, 59%, 18%
CMY	0.3333, 0.4078, 0.8196
CMYK	0.00, 0.11, 0.73, 0.33
HSL	51°, 57%, 42%
HSV	51°, 73%, 67%
XYZ	28.1373, 30.8765, 7.0615
YIQ	144.7110, 45.0290, -28.6270

Conversions

Conversions Part 2

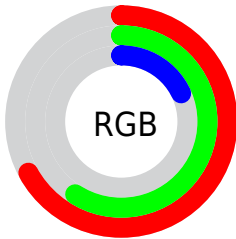
Format	Color
RYB	68, 170, 46
Decimal	11179822
CIELab	62.40, -4.71, 54.82
CIELCh	62, 55.026, 94.910
Yxy	30.8765, 0.4258, 0.4673
Android (android.graphics.Color)	4289369902 (0xFFAA972E)
YUV	144.7110, -48.6645, 22.1785
Hunter-Lab	55.5666, -6.8545, 31.3619

Details

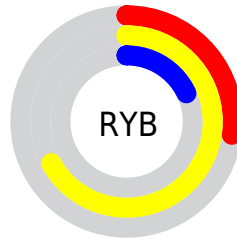
The Hex color **AA972E** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **2E41AA**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **E4CD63**, and **726500** is the 20% darker color. If you saturate the color by 10%, you get **AA941D**, and if you desaturate by 10%, it is **AA9A3F**.

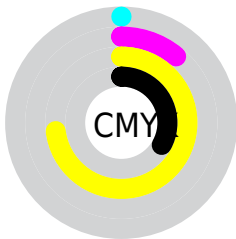
Distribution



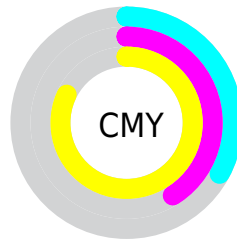
- Red (67%)
- Green (59%)
- Blue (18%)



- Red (27%)
- Yellow (67%)
- Blue (18%)



- Cyan (0%)
- Magenta (11%)
- Yellow (73%)
- Black (33%)



- Cyan (33%)
- Magenta (41%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA972E 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 AA972E by changing the saturation by 10% instead.

■ AA972E

■ AA972E

FFFFFF

■ 8E7D0F

■ E4CD63

■ 726500

■ FFE97E

■ 584D00

■ FFFF99

■ 3D3600

■ FFFFB4

■ 242100

■ FFFFD1

■ 010C00

■ FFFFED

■ 000000

■ AA972E

■ AA972E

■ AA941D

■ AA9A3F

■ AA920C

■ AA9C50

■ AA9000

■ AA9F61

■ AAA172

■ AAA483

■ AAA794

■ AAA9A5

■ AAACB6

■ AAAEC7

Harmonies

Analogous

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



D2853D



AA972E



77A442

Triad

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



AA972E



00ADCD



D973C1

Complementary

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



AA972E



2E41AA

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.



A487E7



AA972E



00A7EF

Square

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



AA972E



00AF9E



409AF8



F06A91

Rectangle

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



AA972E



4AAA5C



409AF8



CB79D0

Sweetspot

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



AA972E



DED6AD



AA2E43



706C53



F0F0F0



707070

Same Dimension

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



AA972E



DEC01B



81AA2E



54534C



947D00



141100

Inverse Universe

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



2E41AA



1B39DE



572EAA



4C4D54



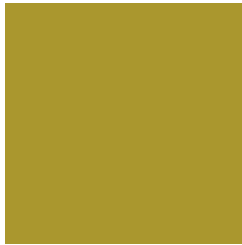
001794



000314

Previews

White Background



This preview shows how the Hex color AA972E looks on a white background.

Color Contrast Check

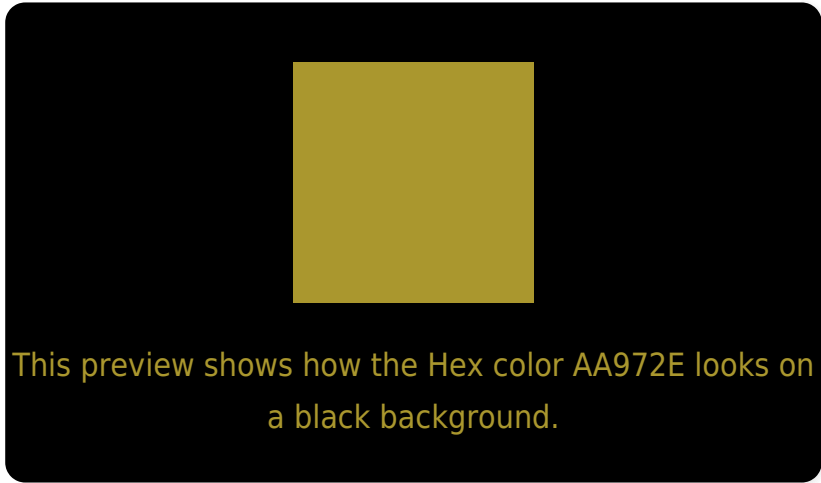
Large Text (above 18pt) WCAG AA × Fail

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 AA972E Background



This preview shows how black text looks on a background with the Hex color AA972E.



This preview shows how white text looks on a background with the Hex color AA972E.

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


AA972E

Protanopia

A9972E

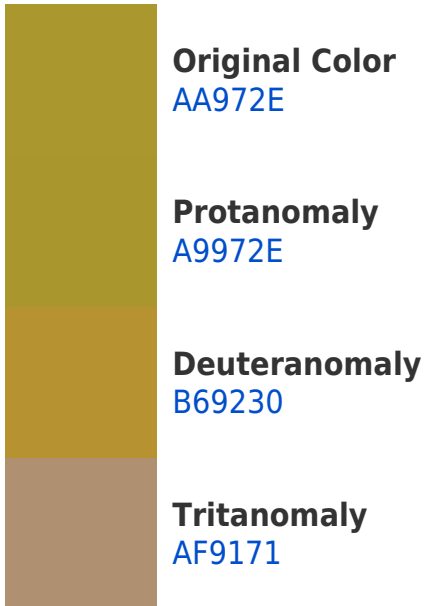
Deuteranopia

BD8F31

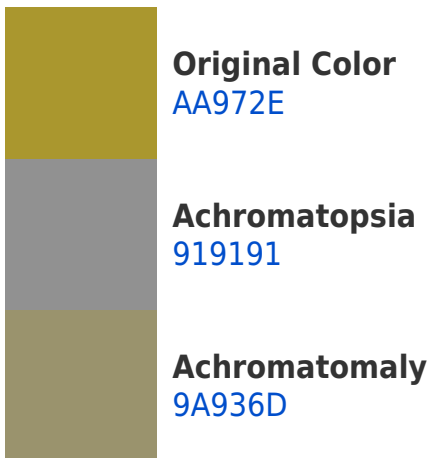


Tritanopia
B28D98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AA972E 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 #AA972E looks like.

```
.text, #text, p{  
    color:#AA972E  
}
```

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 #AA972E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA972E
}
```

Border

The CSS property to change the border of an element to Hex AA972E 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
#AA972E }
```

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

```
.border{ border-color:#AA972E }
```

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

Here you see how a box with a 4 pixel #AA972E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA972E; -webkit-box-shadow:4px 4px  
4px 4px #AA972E; box-shadow:4px 4px 4px  
4px #AA972E }
```

Background

The CSS property to change the background color of an element to Hex AA972E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA972E }
```

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

```
.background{ background-color:#AA972E }
```

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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