

Converting Colors

Hex(AE952A)

Have a look what the booklet for
Hex(AE952A) contains.

Hex(AE952A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(AE952A)

Conversions

Conversions Part 1

Format	Color
Hex	AE952A
RGB	174, 149, 42
RGB Percent	68%, 58%, 16%
CMY	0.3176, 0.4157, 0.8353
CMYK	0.00, 0.14, 0.76, 0.32
HSL	49°, 61%, 42%
HSV	49°, 76%, 68%
XYZ	28.6209, 30.6607, 6.6001
YIQ	144.2770, 49.2470, -27.9770

Conversions

Conversions Part 2

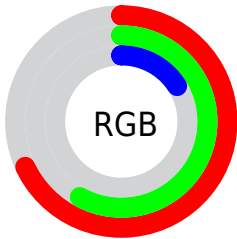
Format	Color
RYB	73, 174, 42
Decimal	11441450
CIELab	62.22, -2.02, 56.30
CIElCh	62, 56.334, 92.057
Yxy	30.6607, 0.4344, 0.4654
Android (android.graphics.Color)	4289631530 (0xFFAE952A)
YUV	144.2770, -50.4226, 26.0671
Hunter-Lab	55.3721, -4.6376, 31.6934

Details

The Hex color **AE952A** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **2A43AE**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **E9CB5F**, and **766300** is the 20% darker color. If you saturate the color by 10%, you get **AE9219**, and if you desaturate by 10%, it is **AE983B**.

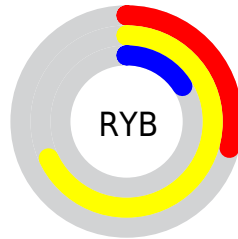
Distribution



Red (68%)

Green (58%)

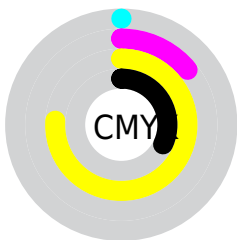
Blue (16%)



Red (29%)

Yellow (68%)

Blue (16%)

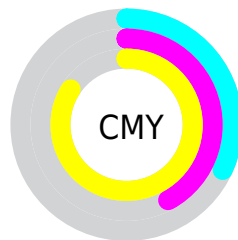


Cyan (0%)

Magenta (14%)

Yellow (76%)

Black (32%)



Cyan (32%)

Magenta (42%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color AE952A 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 AE952A by changing the saturation by 10% instead.

 AE952A

 AE952A

FFFFFF

 927B07

 E9CB5F

 766300

 FFE77A

 5B4B00

 FFFF95

 403500

 FFFFB1

 272000

 FFFFCD

 070900

 FFFFEA

 000000

 AE952A

 AE952A

 AE9219

 AE983B

■ AE8E07

■ AE9C4D

■ AE8D00

■ AE9F5E

■ AEA270

■ AEA581

■ AEA992

■ AEACA4

■ AEAFB5

■ AEB3C7

Harmonies

Analogous

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



D6823D



AE952A



7BA33C

Triad

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



AE952A



00AECA



D673C6

Complementary

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



AE952A



2A43AE

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.



9C88EB



AE952A



00A8EE

Square

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



AE952A



00AF98



229BFA



F06895

Rectangle

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



AE952A



4FA956



229BFA



C67AD4

Sweetspot

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



AE952A



E3D9AF



AE2A44



736D53



F2F2F2



737373

Same Dimension

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



AE952A



E3BC14



86AE2A



57554E



967A00



171300

Inverse Universe

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



2A43AE



143CE3



522AAE



4E5057



001C96



000417

Previews

White Background



This preview shows how the Hex color AE952A looks on a white background.

Color Contrast Check

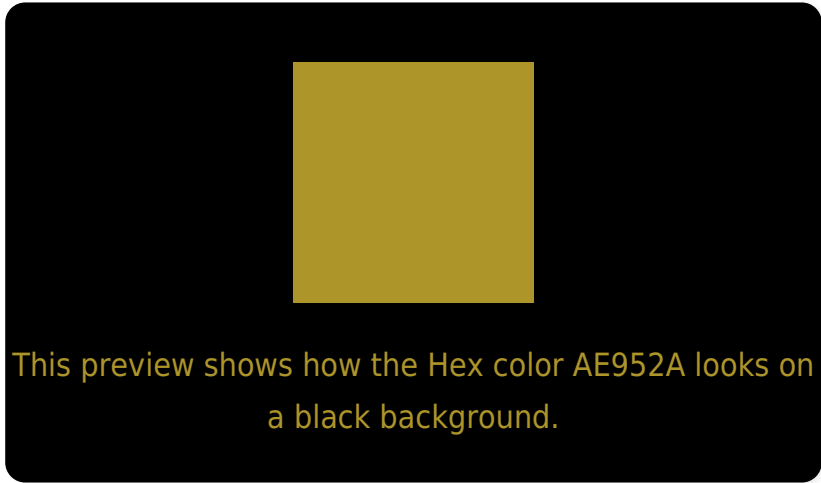
Large Text (above 18pt) WCAG AA × Fail

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 AE952A Background



This preview shows how black text looks on a background with the Hex color AE952A.

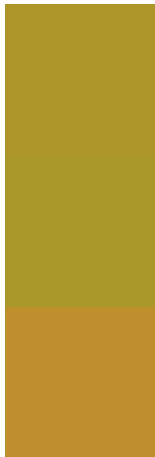


This preview shows how white text looks on a background with the Hex color AE952A.

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
AE952A

Protanopia
A9972A

Deuteranopia
BD8F2D

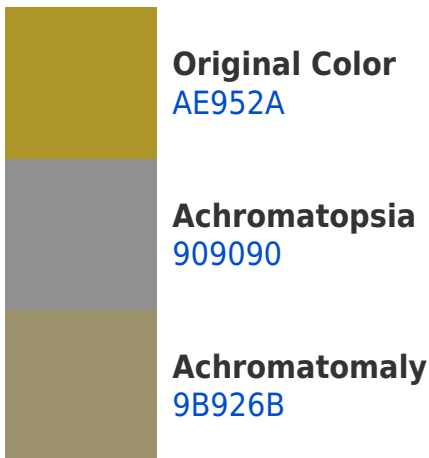


Tritanopia
B68B96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AE952A 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 #AE952A looks like.

```
.text, #text, p{  
    color:#AE952A  
}
```

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 #AE952A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE952A  
}
```

Border

The CSS property to change the border of an element to Hex AE952A 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  
#AE952A }
```

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

```
.border{ border-color:#AE952A }
```

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

Here you see how a box with a 4 pixel #AE952A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE952A; -webkit-box-shadow:4px 4px  
4px 4px #AE952A; box-shadow:4px 4px 4px  
4px #AE952A }
```

Background

The CSS property to change the background color of an element to Hex AE952A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE952A }
```

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

```
.background{ background-color:#AE952A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor