

Converting Colors

Hex(AE9851)

Have a look what the booklet for
Hex(AE9851) contains.

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Color

Hex(AE9851)

Conversions

Conversions Part 1

Format	Color
Hex	AE9851
RGB	174, 152, 81
RGB Percent	68%, 60%, 32%
CMY	0.3176, 0.4039, 0.6824
CMYK	0.00, 0.13, 0.53, 0.32
HSL	46°, 36%, 50%
HSV	46°, 53%, 68%
XYZ	30.1690, 32.0492, 12.3806
YIQ	150.4840, 35.9030, -17.4170

Conversions

Conversions Part 2

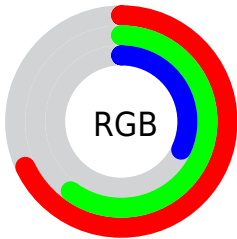
Format	Color
RYB	110, 174, 81
Decimal	11442257
CIELab	63.38, -1.10, 39.98
CIELCh	63, 39.991, 91.576
Yxy	32.0492, 0.4044, 0.4296
Android (android.graphics.Color)	4289632337 (0xFFAE9851)
YUV	150.4840, -34.2556, 20.6235
Hunter-Lab	56.6120, -3.9470, 26.6622

Details

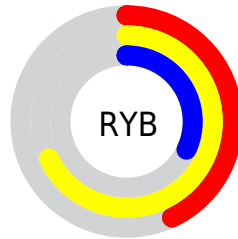
The Hex color **AE9851** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **5167AE**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **E7CE84**, and **776520** is the 20% darker color. If you saturate the color by 10%, you get **AE9440**, and if you desaturate by 10%, it is **AE9C62**.

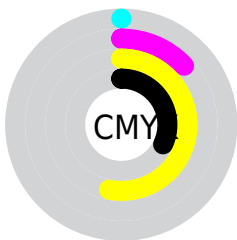
Distribution



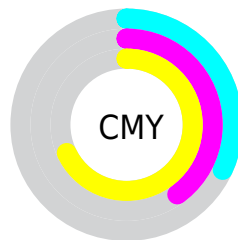
- Red (68%)
- Green (60%)
- Blue (32%)



- Red (43%)
- Yellow (68%)
- Blue (32%)



- Cyan (0%)
- Magenta (13%)
- Yellow (53%)
- Black (32%)



- Cyan (32%)
- Magenta (40%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color AE9851 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 AE9851 by changing the saturation by 10% instead.

 AE9851

 AE9851

FFFFFF

 927E39

 E7CE84

 776520

 FFEA9F

 5D4E05

 FFFFBA

 443700

 FFFFD6

 2B2200

 FFFFF3

 0F0C00

 000000

 AE9851

 AE9851

 AE9440

 AE9C62

 AE902E

 AEA074

 AE8C1D

 AEA485

 AE880B

 AEA897

 AE8500

 AEADA8

 AEB1B9

 AEB5CB

 AEB9DC

 AEBDEE

Harmonies

Analogous

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



CB8B5C



AE9851



89A25B

Triad

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



AE9851



00ABBE



C783BC

Complementary

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



AE9851



5167AE

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.



9F8FD6



AE9851



00A6D7

Square

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



AE9851



18AC9A



649CE0



DC7D99

Rectangle

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



AE9851



6DA76C



649CE0



BC87C6

Sweetspot

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



AE9851



E3DABF



AE5168



736E5D



F2F2F2



737373

Same Dimension

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



AE9851



E3C152



97AE51



57554E



967300



171200

Inverse Universe

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



5167AE



5274E3



6851AE



4E5057



002496



000517

Previews

White Background



This preview shows how the Hex color AE9851 looks on a white background.

Color Contrast Check

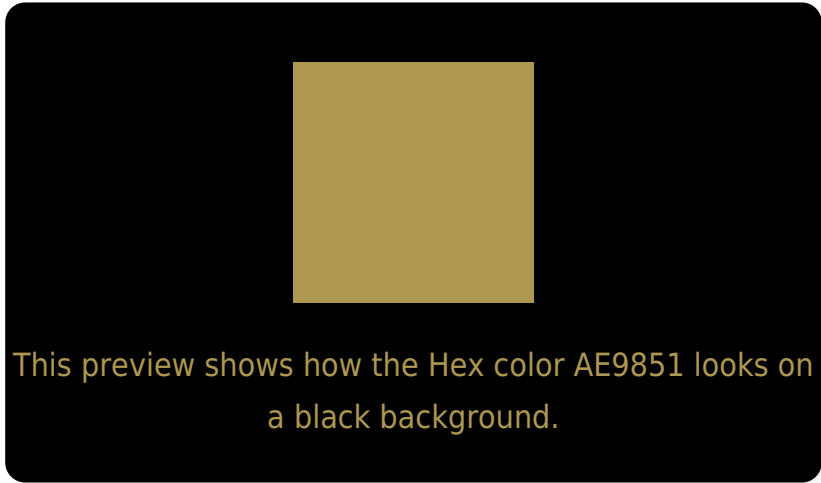
Large Text (above 18pt) WCAG AA × Fail

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

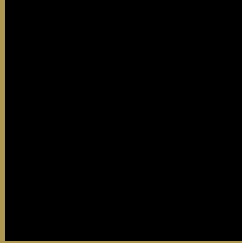
Any Text WCAG AA ✓ Pass

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 AE9851 Background



This preview shows how black text looks on a background with the Hex color AE9851.



This preview shows how white text looks on a background with the Hex color AE9851.

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
AE9851

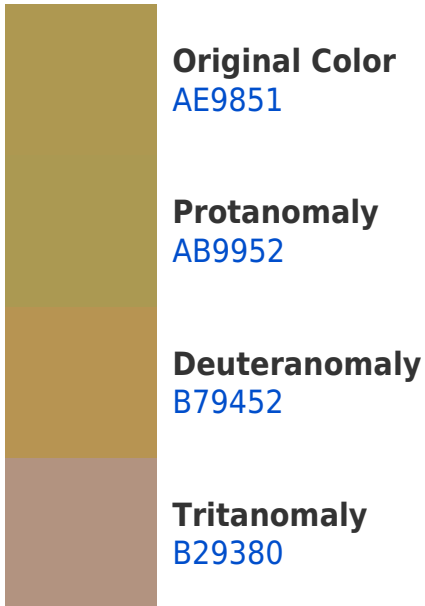
Protanopia
A99A52

Deuteranopia
BC9252

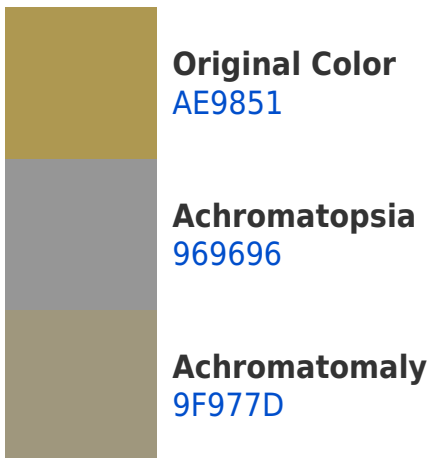


Tritanopia
B5909B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AE9851 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 #AE9851 looks like.

```
.text, #text, p{  
    color:#AE9851  
}
```

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 #AE9851 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE9851
}
```

Border

The CSS property to change the border of an element to Hex AE9851 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
#AE9851 }
```

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

```
.border{ border-color:#AE9851 }
```

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

Here you see how a box with a 4 pixel #AE9851 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE9851; -webkit-box-shadow:4px 4px  
4px 4px #AE9851; box-shadow:4px 4px 4px  
4px #AE9851 }
```

Background

The CSS property to change the background color of an element to Hex AE9851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE9851 }
```

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

```
.background{ background-color:#AE9851 }
```

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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