

Converting Colors

Hex(AE9501)

Have a look what the booklet for
Hex(AE9501) contains.

Hex(AE9501)	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(AE9501)

Conversions

Conversions Part 1

Format	Color
Hex	AE9501
RGB	174, 149, 1
RGB Percent	68%, 58%, 0%
CMY	0.3176, 0.4157, 0.9961
CMYK	0.00, 0.14, 0.99, 0.32
HSL	51°, 99%, 34%
HSV	51°, 99%, 68%
XYZ	28.2085, 30.4958, 4.4282
YIQ	139.6030, 62.4080, -40.7280

Conversions

Conversions Part 2

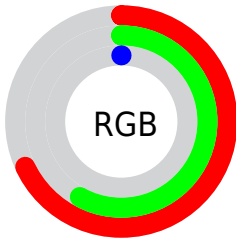
Format	Color
RYB	30, 174, 1
Decimal	11441409
CIELab	62.08, -3.03, 65.84
CIELCh	62, 65.911, 92.638
Yxy	30.4958, 0.4468, 0.4830
Android (android.graphics.Color)	4289631489 (0xFFAE9501)
YUV	139.6030, -68.3313, 30.1662
Hunter-Lab	55.2230, -5.4605, 33.9017

Details

The Hex color **AE9501** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **011AAE**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **E9CB49**, and **756300** is the 20% darker color. If you saturate the color by 10%, you get **AE9500**, and if you desaturate by 10%, it is **AE9812**.

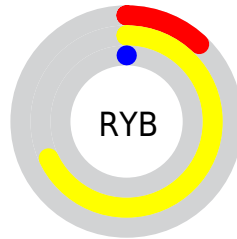
Distribution



Red (68%)

Green (58%)

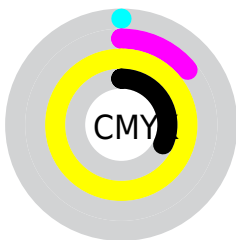
Blue (0%)



Red (12%)

Yellow (68%)

Blue (0%)

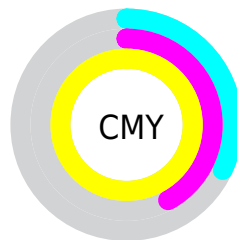


Cyan (0%)

Magenta (14%)

Yellow (99%)

Black (32%)



Cyan (32%)

Magenta (42%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Hex color AE9501 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 AE9501 by changing the saturation by 10% instead.

 AE9501

 AE9501

FFFFFF

 917B00

 E9CB49

 756300

 FFE764

 594B00

 FFFF80

 3E3500

 FFFF9C

 252000

 FFFFB8

 040A00

 FFFFD5

 000000

 FFFFF2

 AE9501

 AE9501

■ AE9500

■ AE9812

■ AE9A24

■ AE9D35

■ AE9F47

■ AEA258

■ AEA469

■ AEA77B

■ AEA98C

■ AEAC9E

Harmonies

Analogous

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



DC7F29



AE9501



72A527

Triad

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



AE9501



00B0D4



E06ACD

Complementary

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



AE9501



011AAE

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.



9C84F9



AE9501



00AAFE

Square

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



AE9501



00B19A



009BFF



FD5B93

Rectangle

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



AE9501



38AB4A



009BFF



CE72DE

Sweetspot

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



AE9501



E3D99F



AE011B



736D49



F2F2F2



737373

Same Dimension

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



AE9501



E3C200



71AE01



57554E



968100



171400

Inverse Universe

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



011AAE



0021E3



3E01AE



4E4F57



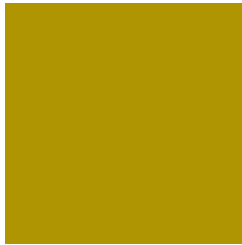
001696



000317

Previews

White Background



This preview shows how the Hex color AE9501 looks on a white background.

Color Contrast Check

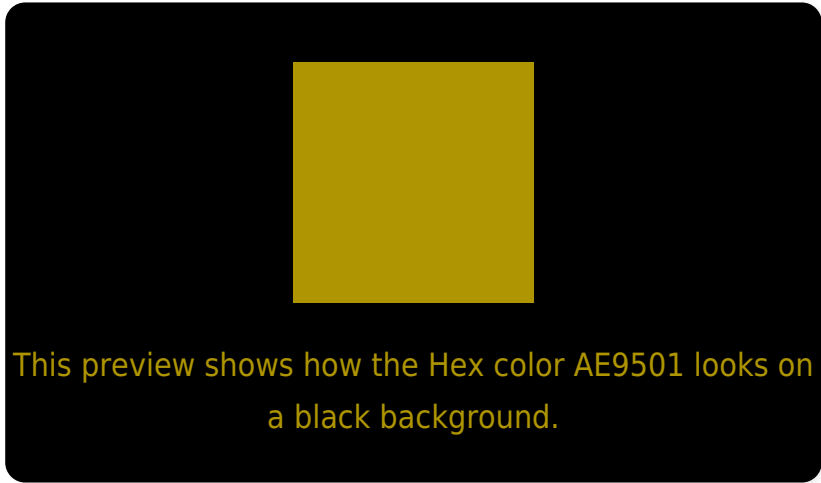
Large Text (above 18pt) WCAG AA × Fail

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 AE9501 Background



This preview shows how black text looks on a background with the Hex color AE9501.

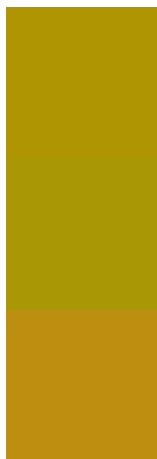


This preview shows how white text looks on a background with the Hex color AE9501.

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
AE9501

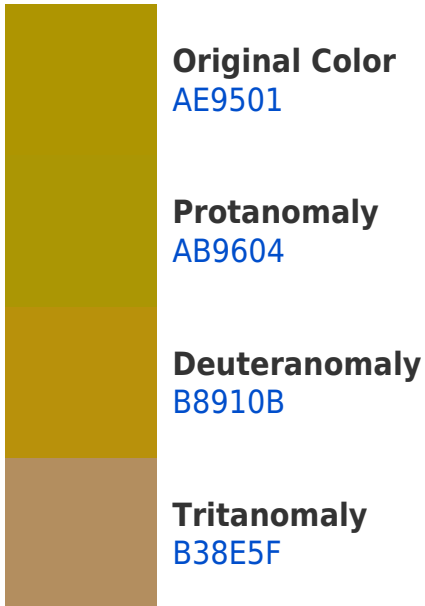
Protanopia
AA9705

Deuteranopia
BE8E11



Tritanopia
B68A95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AE9501 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 #AE9501 looks like.

```
.text, #text, p{  
    color:#AE9501  
}
```

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 #AE9501 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE9501
}
```

Border

The CSS property to change the border of an element to Hex AE9501 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
#AE9501 }
```

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

```
.border{ border-color:#AE9501 }
```

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

Here you see how a box with a 4 pixel #AE9501 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE9501; -webkit-box-shadow:4px 4px  
4px 4px #AE9501; box-shadow:4px 4px 4px  
4px #AE9501 }
```

Background

The CSS property to change the background color of an element to Hex AE9501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE9501 }
```

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

```
.background{ background-color:#AE9501 }
```

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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