

Converting Colors

Hex(AE9339)

Have a look what the booklet for
Hex(AE9339) contains.

Hex(AE9339)	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(AE9339)

Conversions

Conversions Part 1

Format	Color
Hex	AE9339
RGB	174, 147, 57
RGB Percent	68%, 58%, 22%
CMY	0.3176, 0.4235, 0.7765
CMYK	0.00, 0.16, 0.67, 0.32
HSL	46°, 51%, 45%
HSV	46°, 67%, 68%
XYZ	28.6278, 30.1615, 8.1838
YIQ	144.8130, 44.9820, -22.2660

Conversions

Conversions Part 2

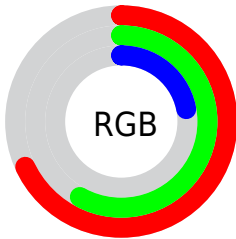
Format	Color
RYB	92, 174, 57
Decimal	11440953
CIELab	61.79, -0.16, 49.72
CIELCh	62, 49.723, 90.179
Yxy	30.1615, 0.4275, 0.4504
Android (android.graphics.Color)	4289631033 (0xFFAE9339)
YUV	144.8130, -43.2918, 25.5970
Hunter-Lab	54.9195, -3.0627, 29.6086

Details

The Hex color **AE9339** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3954AE**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **E8C96C**, and **766100** is the 20% darker color. If you saturate the color by 10%, you get **AE8F28**, and if you desaturate by 10%, it is **AE974A**.

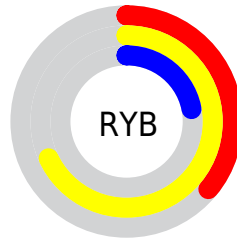
Distribution



 Red (68%)

 Green (58%)

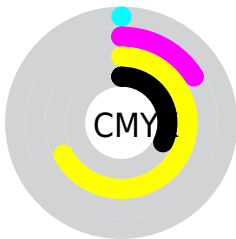
 Blue (22%)



 Red (36%)

 Yellow (68%)

 Blue (22%)

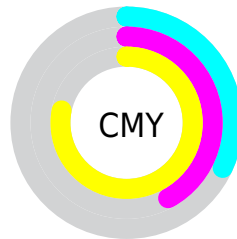



 Cyan (0%)


 Magenta (16%)

 Yellow (67%)

 Black (32%)



 Cyan (32%)

 Magenta (42%)

 Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color AE9339 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 AE9339 by changing the saturation by 10% instead.

 AE9339

 AE9339

FFFFFF

 92791F

 E8C96C

 766100

 FFE587

 5B4900

 FFFFA2

 413300

 FFFFBE

 281E00

 FFFFDA

 0A0600

 FFFFF7

 000000

 AE9339

 AE9339

 AE8F28

 AE974A

 AE8B16

 AE9B5C

 AE8705

 AE9F6D

 AE8600

 AEA37F

 AEA790

 AEABA1

 AEAFB3

 AEB3C4

 AEB7D6

Harmonies

Analogous

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



D18349



AE9339



81A045

Triad

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



AE9339



00AAC0



CB78C2

Complementary

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



AE9339



3954AE

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.



988AE2



AE9339



00A5E1

Square

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



AE9339



00AB94



3C9AED



E56F97

Rectangle

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



AE9339



5DA55B



3C9AED



BD7ECE

Sweetspot

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



AE9339



E3D8B6



AE3954



736C57



F2F2F2



737373

Same Dimension

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



AE9339



E3B92B



8FAE39



57554E



967400



171200

Inverse Universe

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



3954AE



2B56E3



5839AE



4E5057



002396



000517

Previews

White Background



This preview shows how the Hex color AE9339 looks on a white background.

Color Contrast Check

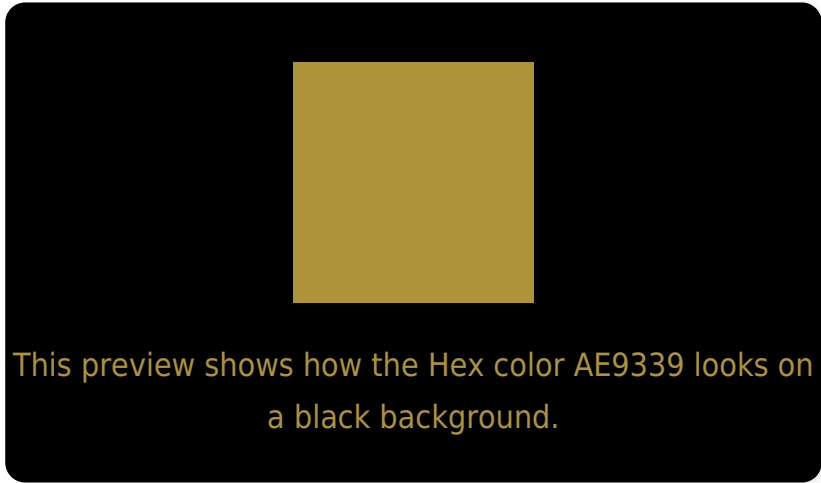
Large Text (above 18pt) WCAG AA × Fail

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 AE9339 Background



This preview shows how black text looks on a background with the Hex color AE9339.



This preview shows how white text looks on a background with the Hex color AE9339.

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
AE9339

Protanopia
A7963A

Deuteranopia
BA8E3B

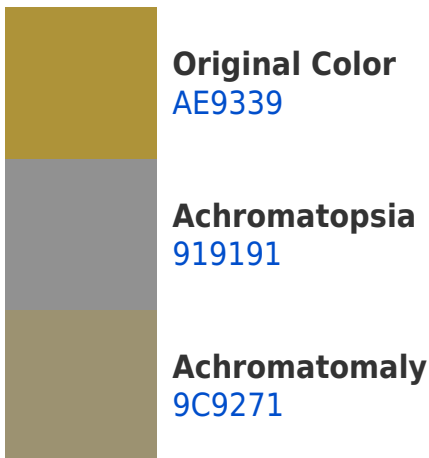


Tritanopia
B58A94

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AE9339 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 #AE9339 looks like.

```
.text, #text, p{  
    color:#AE9339  
}
```

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 #AE9339 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE9339
}
```

Border

The CSS property to change the border of an element to Hex AE9339 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
#AE9339 }
```

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

```
.border{ border-color:#AE9339 }
```

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

Here you see how a box with a 4 pixel #AE9339 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE9339; -webkit-box-shadow:4px 4px  
4px 4px #AE9339; box-shadow:4px 4px 4px  
4px #AE9339 }
```

Background

The CSS property to change the background color of an element to Hex AE9339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE9339 }
```

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

```
.background{ background-color:#AE9339 }
```

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