

Converting Colors

Hex(AA9334)

Have a look what the booklet for
Hex(AA9334) contains.

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Color

Hex(AA9334)

Conversions

Conversions Part 1

Format	Color
Hex	AA9334
RGB	170, 147, 52
RGB Percent	67%, 58%, 20%
CMY	0.3333, 0.4235, 0.7961
CMYK	0.00, 0.14, 0.69, 0.33
HSL	48°, 53%, 44%
HSV	48°, 69%, 67%
XYZ	27.6311, 29.6614, 7.5177
YIQ	143.0470, 44.2030, -24.6690

Conversions

Conversions Part 2

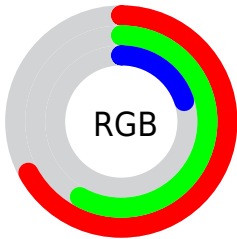
Format	Color
R_{YB}	81, 170, 52
Decimal	11178804
CIE _{Lab}	61.36, -2.23, 51.33
CIE _{LCh}	61, 51.381, 92.485
Yxy	29.6614, 0.4263, 0.4577
Android (android.graphics.Color)	4289368884 (0xFFAA9334)
YUV	143.0470, -44.8862, 23.6378
Hunter-Lab	54.4623, -4.7481, 29.9395

Details

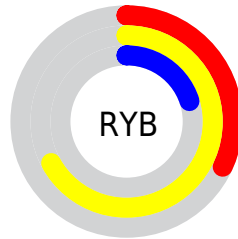
The Hex color **AA9334** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **344BAA**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **E4C968**, and **726100** is the 20% darker color. If you saturate the color by 10%, you get **AA9023**, and if you desaturate by 10%, it is **AA9645**.

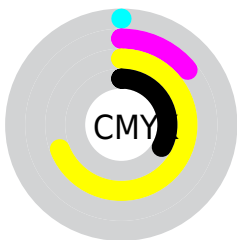
Distribution



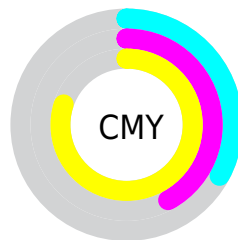
- Red (67%)
- Green (58%)
- Blue (20%)



- Red (32%)
- Yellow (67%)
- Blue (20%)



- Cyan (0%)
- Magenta (14%)
- Yellow (69%)
- Black (33%)



- Cyan (33%)
- Magenta (42%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA9334 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 AA9334 by changing the saturation by 10% instead.



AA9334



AA9334

FFFFFF



8E7918



E4C968



726100



FFE582



584900



FFFF9D



3D3300



FFFFB9



241E00



FFFFD5



020600



FFFFF2



000000



AA9334



AA9334



AA9023



AA9645

■ AA8C12

■ AA9A56

■ AA8901

■ AA9D67

■ AA8900

■ AAA078

■ AAA489

■ AAA79A

■ AAAAAB

■ AAAEBC

■ AAB1CD

Harmonies

Analogous

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



CF8243



AA9334



7BA043

Triad

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



AA9334



00AAC4



CF75BF

Complementary

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



AA9334



344BAA

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.



9B87E1



AA9334



00A4E4

Square

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



AA9334



00AB97



3E98EF



E66C92

Rectangle

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



AA9334



54A55A



3E98EF



C17ACC

Sweetspot

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



AA9334



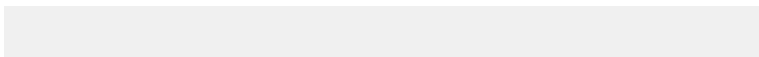
DED5AF



AA344C



706B54



F0F0F0



707070

Same Dimension

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



AA9334



DEBA26



87AA34



54534C



947700



141000

Inverse Universe

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



344BAA



264ADE



5734AA



4C4D54



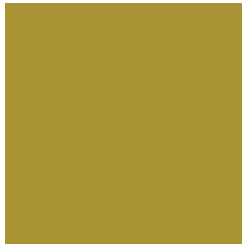
001D94



000414

Previews

White Background



This preview shows how the Hex color AA9334 looks on a white background.

Color Contrast Check

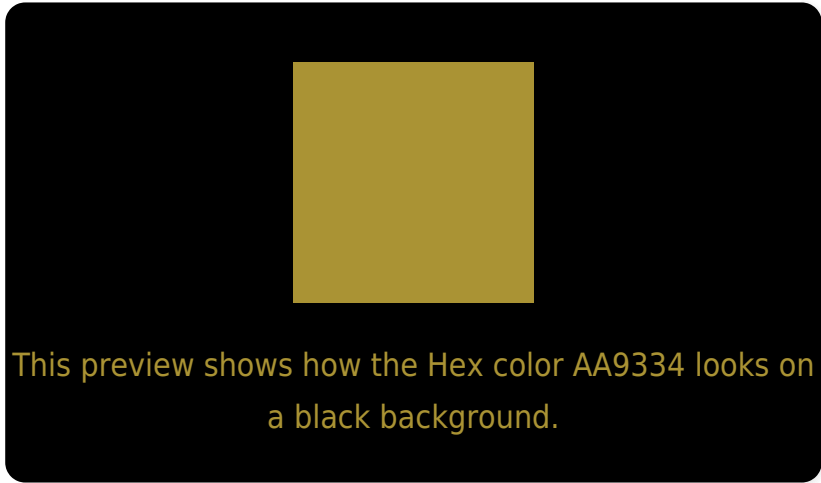
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex AA9334 Background



This preview shows how black text looks on a background with the Hex color AA9334.

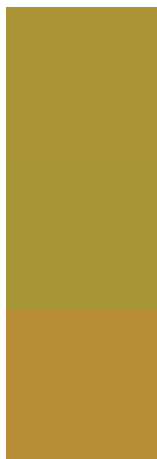


This preview shows how white text looks on a background with the Hex color AA9334.

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


AA9334

Protanopia

A69534

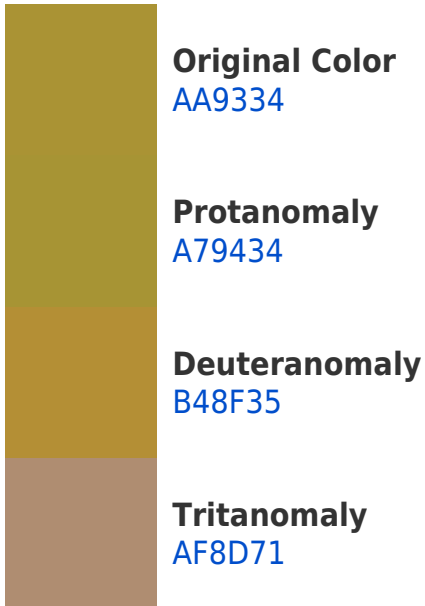
Deuteranopia

B98D36

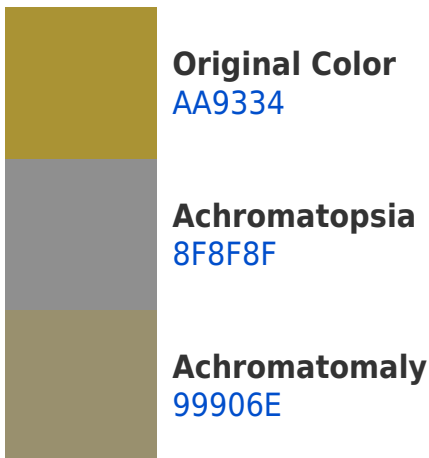


Tritanopia
B28A94

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AA9334 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 #AA9334 looks like.

```
.text, #text, p{  
    color:#AA9334  
}
```

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 #AA9334 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA9334
}
```

Border

The CSS property to change the border of an element to Hex AA9334 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
#AA9334 }
```

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

```
.border{ border-color:#AA9334 }
```

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

Here you see how a box with a 4 pixel #AA9334 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA9334; -webkit-box-shadow:4px 4px  
4px 4px #AA9334; box-shadow:4px 4px 4px  
4px #AA9334 }
```

Background

The CSS property to change the background color of an element to Hex AA9334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA9334 }
```

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

```
.background{ background-color:#AA9334 }
```

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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