

Converting Colors

Hex(AA9734)

Have a look what the booklet for
Hex(AA9734) contains.

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Color

Hex(AA9734)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | AA9734 |
| RGB | 170, 151, 52 |
| RGB Percent | 67%, 59%, 20% |
| CMY | 0.3333, 0.4078, 0.7961 |
| CMYK | 0.00, 0.11, 0.69, 0.33 |
| HSL | 50°, 53%, 44% |
| HSV | 50°, 69%, 67% |
| XYZ | 28.2640, 30.9272, 7.7287 |
| YIQ | 145.3950, 43.1030, -26.7610 |

Conversions

Conversions Part 2

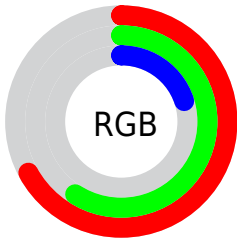
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 75, 170, 52 |
| Decimal | 11179828 |
| CIELab | 62.45, -4.39, 52.44 |
| CIElCh | 62, 52.627, 94.790 |
| Yxy | 30.9272, 0.4224, 0.4622 |
| Android (android.graphics.Color) | 4289369908 (0xFFAA9734) |
| YUV | 145.3950, -46.0437, 21.5786 |
| Hunter-Lab | 55.6122, -6.6017, 30.6888 |

Details

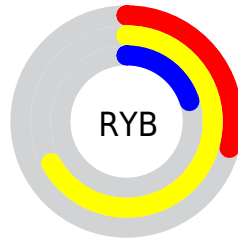
The Hex color **AA9734** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3447AA**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **E4CD68**, and **726500** is the 20% darker color. If you saturate the color by 10%, you get **AA9423**, and if you desaturate by 10%, it is **AA9A45**.

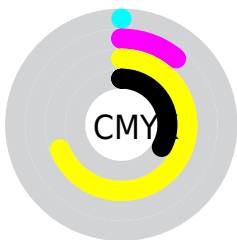
Distribution



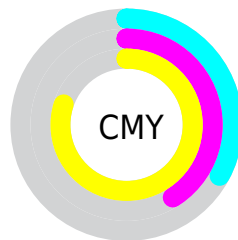
- Red (67%)
- Green (59%)
- Blue (20%)



- Red (29%)
- Yellow (67%)
- Blue (20%)



- Cyan (0%)
- Magenta (11%)
- Yellow (69%)
- Black (33%)



- Cyan (33%)
- Magenta (41%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA9734 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 AA9734 by changing the saturation by 10% instead.



AA9734



AA9734

FFFFFF



8E7D18



E4CD68



726500



FFE983



584D00



FFFF9E



3E3600



FFFFB9



242100



FFFFD6



020C00



FFFFF3



000000



AA9734



AA9734



AA9423



AA9A45

■ AA9212

■ AA9C56

■ AA8F01

■ AA9F67

■ AA8F00

■ AAA278

■ AAA589

■ AAA79A

■ AAAAAB

■ AAADBC

■ AAB0CD

Harmonies

Analogous

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



D08641



AA9734



79A446

Triad

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



AA9734



00ADCB



D675C0

Complementary

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



AA9734



3447AA

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.



A388E4



AA9734



00A6EB

Square

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



AA9734



00AE9D



499AF4



EC6D91

Rectangle

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



AA9734



50A95F



499AF4



C87BCD

Sweetspot

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



AA9734



DED6AF



AA3448



706C54



F0F0F0



707070

Same Dimension

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



AA9734



DEC026



83AA34



54534C



947C00



141100

Inverse Universe

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



3447AA



2643DE



5B34AA



4C4D54



001894



000314

Previews

White Background



This preview shows how the Hex color AA9734 looks on a white background.

Color Contrast Check

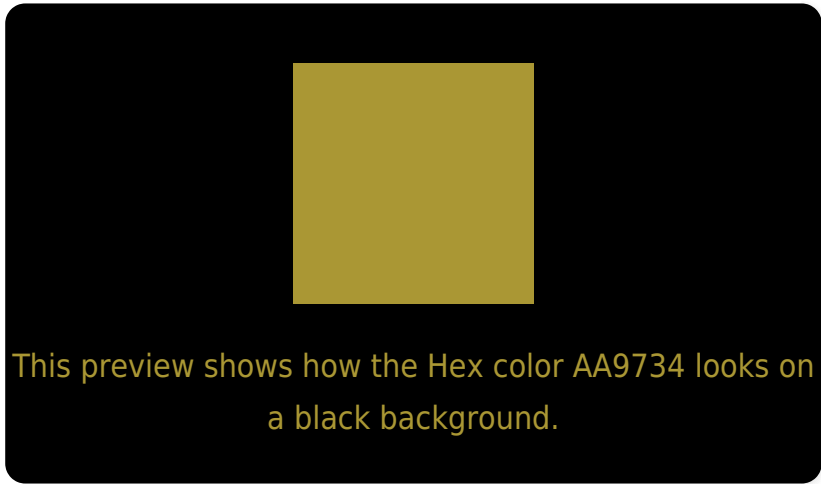
Large Text (above 18pt) WCAG AA × Fail

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

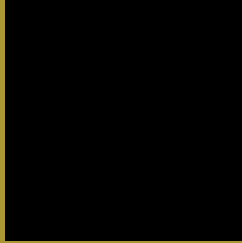
Any Text WCAG AA ✓ Pass

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 AA9734 Background



This preview shows how black text looks on a background with the Hex color AA9734.



This preview shows how white text looks on a background with the Hex color AA9734.

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

AA9734

Protanopia

A99734

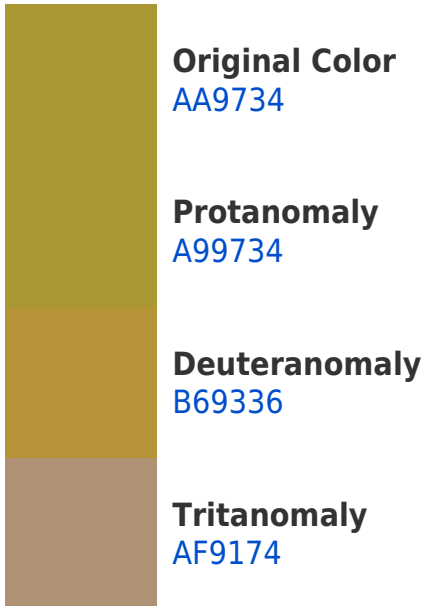
Deuteranopia

BD9037

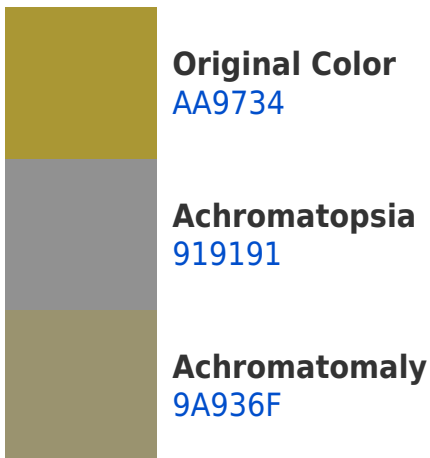


Tritanopia
B28D98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AA9734 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 #AA9734 looks like.

```
.text, #text, p{  
    color:#AA9734  
}
```

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 #AA9734 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA9734
}
```

Border

The CSS property to change the border of an element to Hex AA9734 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
#AA9734 }
```

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

```
.border{ border-color:#AA9734 }
```

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

Here you see how a box with a 4 pixel #AA9734 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA9734; -webkit-box-shadow:4px 4px  
4px 4px #AA9734; box-shadow:4px 4px 4px  
4px #AA9734 }
```

Background

The CSS property to change the background color of an element to Hex AA9734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA9734 }
```

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

```
.background{ background-color:#AA9734 }
```

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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