

# Converting Colors

Hex(AA9670)

Have a look what the booklet for  
Hex(AA9670) contains.

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**Color**

**Hex(AA9670)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AA9670
RGB	170, 150, 112
RGB Percent	67%, 59%, 44%
CMY	0.3333, 0.4118, 0.5608
CMYK	0.00, 0.12, 0.34, 0.33
HSL	39°, 25%, 55%
HSV	39°, 34%, 67%
XYZ	30.4085, 31.5286, 19.8122
YIQ	151.6480, 24.1180, -7.5780

# Conversions

## Conversions Part 2

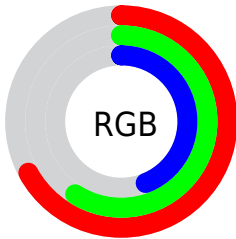
Format	Color
<a href="#">RYB</a>	<a href="#">143, 170, 112</a>
Decimal	<a href="#">11179632</a>
CIELab	<a href="#">62.95, 1.66, 22.79</a>
CIELCh	<a href="#">63, 22.851, 85.826</a>
Yxy	<a href="#">31.5286, 0.3720, 0.3857</a>
Android (android.graphics.Color)	<a href="#">4289369712 (0xFFAA9670)</a>
YUV	<a href="#">151.6480, -19.5465, 16.0947</a>
Hunter-Lab	<a href="#">56.1503, -1.5953, 18.3853</a>

# Details

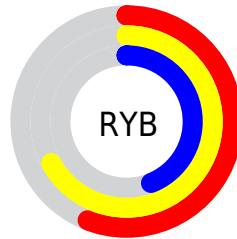
The Hex color **AA9670** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **7084AA**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **E2CCA4**, and **756340** is the 20% darker color. If you saturate the color by 10%, you get **AA905F**, and if you desaturate by 10%, it is **AA9C81**.

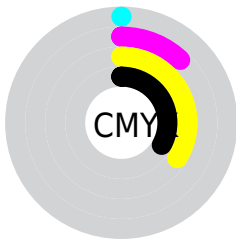
# Distribution



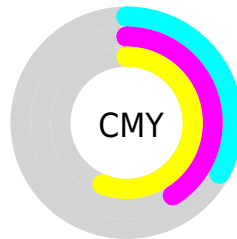
- Red (67%)
- Green (59%)
- Blue (44%)



- Red (56%)
- Yellow (67%)
- Blue (44%)



- Cyan (0%)
- Magenta (12%)
- Yellow (34%)
- Black (33%)



- Cyan (33%)
- Magenta (41%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AA9670 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 AA9670 by changing the saturation by 10% instead.





AA9670



AA9670

FFFFFF



8F7C57



E2CCA4



756340



FFE8BF



5B4C29



FFFFDB



433514



FFFFF8



2D2000



130900



000000



AA9670



AA9670



AA905F



AA9C81

■ AA8A4E

■ AAA292

■ AA843D

■ AAA8A3

■ AA7F2C

■ AAADB4

■ AA791B

■ AAB3C5

■ AA730A

■ AAB9D6

■ AA6F00

■ AABFE7

■ AAC5F8

■ AACBFF

# Harmonies

## Analogous

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



BA8F77



AA9670



959C73

# Triad

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



AA9670



5DA3A9



B08EAF

# Complementary

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



AA9670



7084AA

# 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.



9894BD



AA9670



64A0B9

# Square

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



AA9670



68A495



7C9BC0



BE8A9C

# Rectangle

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



AA9670



85A07C



7C9BC0



A990B5



# Sweetspot

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



AA9670



DED6C8



AA7084



706C63



F0F0F0



707070



# Same Dimension

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



AA9670



DEBE83



A1AA70



54514C



946100



140D00



# Inverse Universe

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



7084AA



83A2DE



7970AA



4C4F54



003394

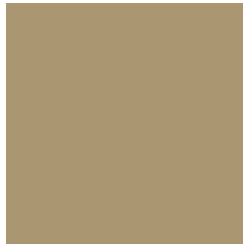


000714



# Previews

## White Background



This preview shows how the Hex color AA9670 looks on a white background.

## Color Contrast Check

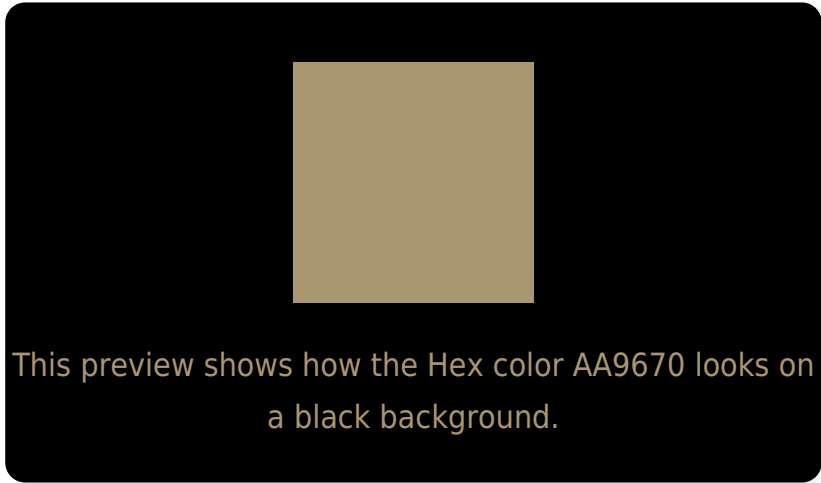
Large Text (above 18pt) WCAG AA × Fail

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 AA9670 Background



This preview shows how black text looks on a background with the Hex color AA9670.



This preview shows how white text looks on a background with the Hex color AA9670.

# 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**  
AA9670

**Protanopia**  
A39871

**Deuteranopia**  
B49271



**Tritanopia**  
AF909B

# Trichromacy



**Original Color**  
AA9670

**Protanomaly**  
A69771

**Deuteranomaly**  
B09371

**Tritanomaly**  
AD928B

# Monochromacy



**Original Color**  
AA9670

**Achromatopsia**  
989898

**Achromatomaly**  
9F9789

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AA9670 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 #AA9670 looks like.

```
.text, #text, p{  
    color:#AA9670  
}
```

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 #AA9670 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA9670  
}
```

## Border

The CSS property to change the border of an element to Hex AA9670 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  
#AA9670 }
```

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

```
.border{ border-color:#AA9670 }
```

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

Here you see how a box with a 4 pixel #AA9670 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA9670; -webkit-box-shadow:4px 4px  
4px 4px #AA9670; box-shadow:4px 4px 4px  
4px #AA9670 }
```

# Background

The CSS property to change the background color of an element to Hex AA9670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA9670 }
```

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

```
.background{ background-color:#AA9670 }
```

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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