

# Converting Colors

Hex(AA9669)

Have a look what the booklet for  
Hex(AA9669) contains.

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**Color**

**Hex(AA9669)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AA9669
RGB	170, 150, 105
RGB Percent	67%, 59%, 41%
CMY	0.3333, 0.4118, 0.5882
CMYK	0.00, 0.12, 0.38, 0.33
HSL	42°, 28%, 54%
HSV	42°, 38%, 67%
XYZ	30.0337, 31.3787, 17.8383
YIQ	150.8500, 26.3650, -9.7550

# Conversions

## Conversions Part 2

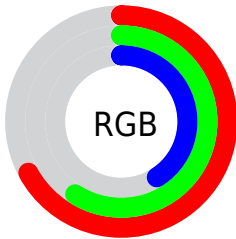
Format	Color
<a href="#">RYB</a>	<a href="#">134, 170, 105</a>
Decimal	<a href="#">11179625</a>
CIELab	<a href="#">62.83, 0.79, 26.47</a>
CIELCh	<a href="#">63, 26.482, 88.285</a>
Yxy	<a href="#">31.3787, 0.3790, 0.3959</a>
Android (android.graphics.Color)	<a href="#">4289369705 (0xFFAA9669)</a>
YUV	<a href="#">150.8500, -22.6040, 16.7946</a>
Hunter-Lab	<a href="#">56.0167, -2.3252, 20.3309</a>

# Details

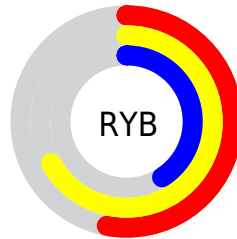
The Hex color **AA9669** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **697DAA**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **E2CC9D**, and **756339** is the 20% darker color. If you saturate the color by 10%, you get **AA9158**, and if you desaturate by 10%, it is **AA9B7A**.

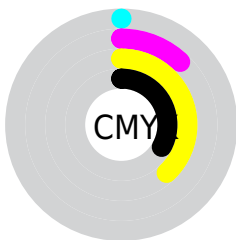
# Distribution



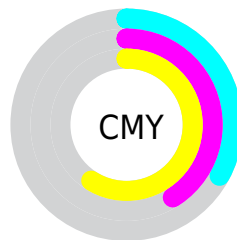
- Red (67%)
- Green (59%)
- Blue (41%)



- Red (53%)
- Yellow (67%)
- Blue (41%)



- Cyan (0%)
- Magenta (12%)
- Yellow (38%)
- Black (33%)



- Cyan (33%)
- Magenta (41%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AA9669 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 AA9669 by changing the saturation by 10% instead.





AA9669



AA9669

FFFFFF



8F7C51



E2CC9D



756339



FFE8B8



5B4C23



FFFFD3



42350D



FFFFF0



2B2000



110900



000000



AA9669



AA9669



AA9158



AA9B7A

■ AA8C47

■ AAA08B

■ AA8636

■ AAA69C

■ AA8125

■ AAABAD

■ AA7C14

■ AAB0BE

■ AA7703

■ AAB5CF

■ AA7600

■ AABBE0

■ AAC0F1

■ AAC5FF

# Harmonies

## Analogous

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



BD8E71



AA9669



919D6E

# Triad

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



AA9669



4EA4AD



B58BB1

# Complementary

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



AA9669



697DAA

# 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.



9A92C1



AA9669



59A1BF

# Square

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



AA9669



5CA596



789BC7



C4879A

# Rectangle

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



AA9669



7FA178



789BC7



AD8DB7



# Sweetspot

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



AA9669



DED6C5



AA697E



706C62



F0F0F0



707070



# Same Dimension

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



AA9669



DEBE78



9EAA69



54524C



946600



140E00



# Inverse Universe

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



697DAA



7897DE



7569AA



4C4E54



002E94



000614



# Previews

## White Background



This preview shows how the Hex color AA9669 looks on a white background.

## Color Contrast Check

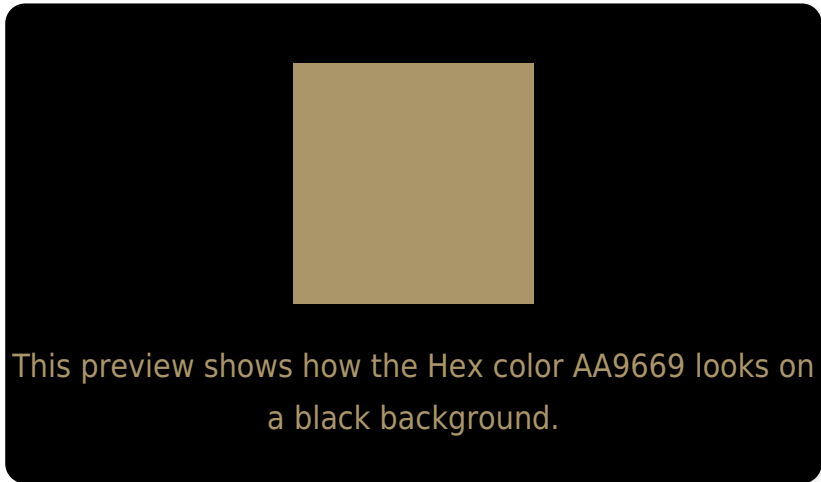
Large Text (above 18pt) WCAG AA × Fail

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

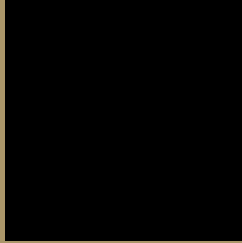
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AA9669 Background



This preview shows how black text looks on a background with the Hex color AA9669.

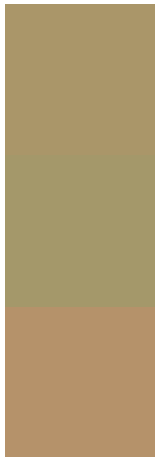


This preview shows how white text looks on a background with the Hex color AA9669.

# 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**  
AA9669

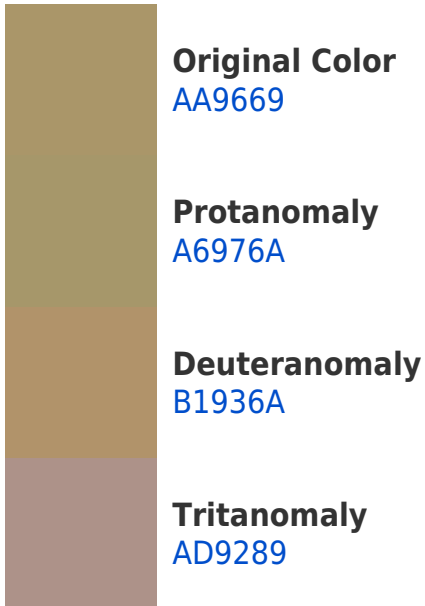
**Protanopia**  
A4986A

**Deuteranopia**  
B5926A

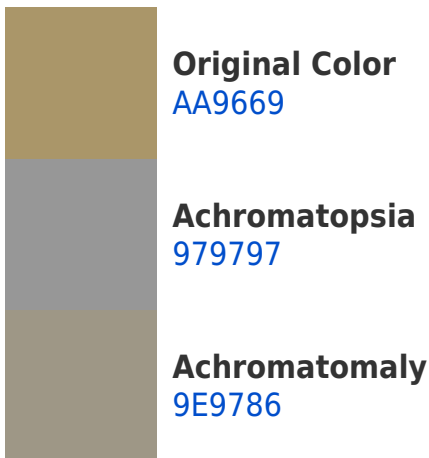


**Tritanopia**  
AF909B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AA9669 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 #AA9669 looks like.

```
.text, #text, p{  
    color:#AA9669  
}
```

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 #AA9669 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA9669
}
```

## Border

The CSS property to change the border of an element to Hex AA9669 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
#AA9669 }
```

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

```
.border{ border-color:#AA9669 }
```

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

Here you see how a box with a 4 pixel #AA9669 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA9669; -webkit-box-shadow:4px 4px  
4px 4px #AA9669; box-shadow:4px 4px 4px  
4px #AA9669 }
```

# Background

The CSS property to change the background color of an element to Hex AA9669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA9669 }
```

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

```
.background{ background-color:#AA9669 }
```

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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