

# Converting Colors

Hex(AA9564)

Have a look what the booklet for  
Hex(AA9564) contains.

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# **Color**

**Hex(AA9564)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AA9564
RGB	170, 149, 100
RGB Percent	67%, 58%, 39%
CMY	0.3333, 0.4157, 0.6078
CMYK	0.00, 0.12, 0.41, 0.33
HSL	42°, 29%, 53%
HSV	42°, 41%, 67%
XYZ	29.6253, 30.9610, 16.4713
YIQ	149.6930, 28.2450, -10.7870

# Conversions

## Conversions Part 2

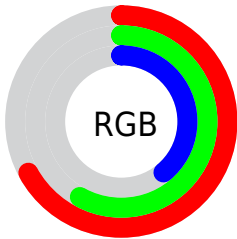
Format	Color
<a href="#">RYB</a>	<a href="#">130, 170, 100</a>
Decimal	<a href="#">11179364</a>
CIELab	<a href="#">62.47, 0.76, 28.74</a>
CIELCh	<a href="#">62, 28.745, 88.493</a>
Yxy	<a href="#">30.9610, 0.3845, 0.4018</a>
Android (android.graphics.Color)	<a href="#">4289369444 (0xFFAA9564)</a>
YUV	<a href="#">149.6930, -24.4986, 17.8092</a>
Hunter-Lab	<a href="#">55.6426, -2.3377, 21.3989</a>

# Details

The Hex color **AA9564** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6479AA**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **E2CB97**, and **746234** is the 20% darker color. If you saturate the color by 10%, you get **AA9053**, and if you desaturate by 10%, it is **AA9A75**.

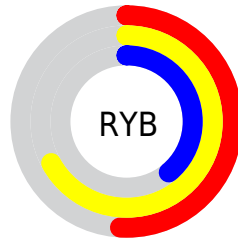
# Distribution



Red (67%)

Green (58%)

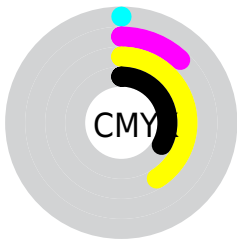
Blue (39%)



Red (51%)

Yellow (67%)

Blue (39%)

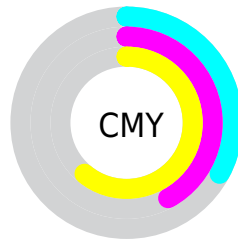


Cyan (0%)

Magenta (12%)

Yellow (41%)

Black (33%)



Cyan (33%)

Magenta (42%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AA9564 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 AA9564 by changing the saturation by 10% instead.





AA9564



AA9564

FFFFFF



8F7B4C



E2CB97



746234



FFE7B2



5B4B1E



FFFFCE



423406



FFFFEA



2B1F00



0F0800



000000



AA9564



AA9564



AA9053



AA9A75

■ AA8B42

■ AA9F86

■ AA8631

■ AAA497

■ AA8120

■ AAA9A8

■ AA7C0F

■ AAAEB9

■ AA7700

■ AAB4CA

■ AAB9DB

■ AABEEC

■ AAC3FD

# Harmonies

## Analogous

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



BF8C6C



AA9564



8F9D6A

# Triad

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



AA9564



42A4AE



B689B2

# Complementary

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



AA9564



6479AA

# 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.



9991C4



AA9564



50A1C2

# Square

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



AA9564



54A595



739ACA



C78499

# Rectangle

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



AA9564



7CA175



739ACA



AE8BB9



# Sweetspot

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



AA9564



DED6C3



AA6479



706B60



F0F0F0



707070



# Same Dimension

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



AA9564



DEBD71



9CAA64



54524C



946800



140E00



# Inverse Universe

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



6479AA



7192DE



7264AA



4C4E54



002C94



000614



# Previews

## White Background



This preview shows how the Hex color AA9564 looks on a white background.

## Color Contrast Check

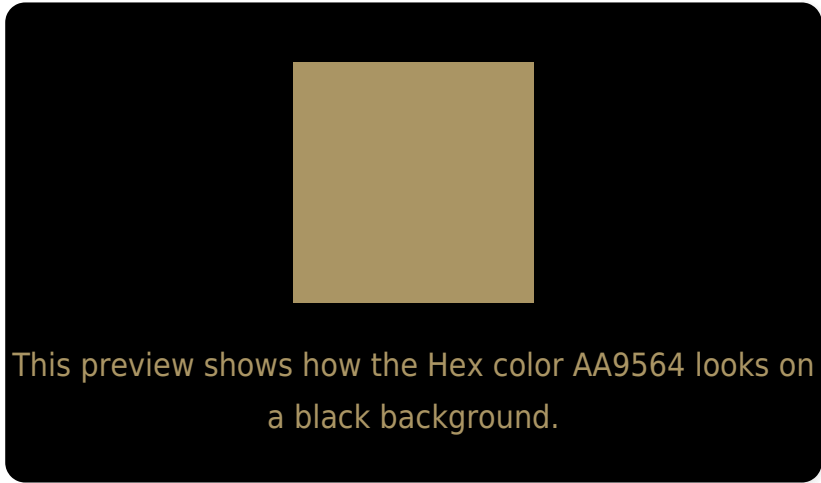
Large Text (above 18pt) WCAG AA × Fail

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 AA9564 Background



This preview shows how black text looks on a background with the Hex color AA9564.



This preview shows how white text looks on a background with the Hex color AA9564.

# 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**  
AA9564

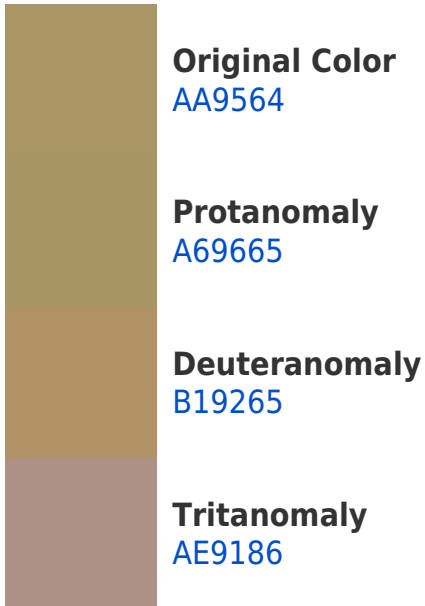
**Protanopia**  
A49765

**Deuteranopia**  
B59165

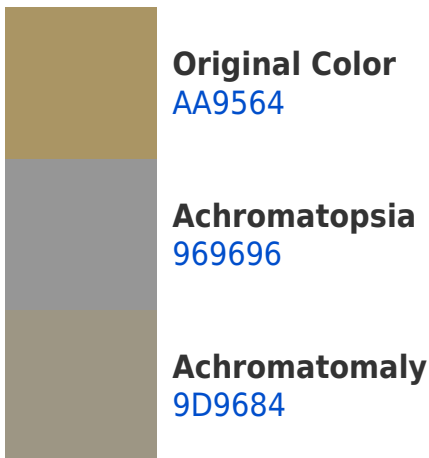


**Tritanopia**  
B08E99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AA9564 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 #AA9564 looks like.

```
.text, #text, p{  
    color:#AA9564  
}
```

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 #AA9564 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA9564
}
```

## Border

The CSS property to change the border of an element to Hex AA9564 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
#AA9564 }
```

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

```
.border{ border-color:#AA9564 }
```

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

Here you see how a box with a 4 pixel #AA9564 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA9564; -webkit-box-shadow:4px 4px  
4px 4px #AA9564; box-shadow:4px 4px 4px  
4px #AA9564 }
```

# Background

The CSS property to change the background color of an element to Hex AA9564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA9564 }
```

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

```
.background{ background-color:#AA9564 }
```

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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