

# Converting Colors

Hex(AA8574)

Have a look what the booklet for  
Hex(AA8574) contains.

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**Color**

**Hex(AA8574)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AA8574
RGB	170, 133, 116
RGB Percent	67%, 52%, 45%
CMY	0.3333, 0.4784, 0.5451
CMYK	0.00, 0.22, 0.32, 0.33
HSL	19°, 24%, 56%
HSV	19°, 32%, 67%
XYZ	28.1175, 26.5821, 20.1719
YIQ	142.1250, 27.5090, 2.5570

# Conversions

## Conversions Part 2

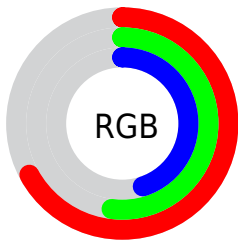
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	170, 141, 116
Decimal	11175284
CIE <sub>Lab</sub>	58.59, 11.67, 14.58
CIE <sub>LCh</sub>	59, 18.675, 51.333
Yxy	26.5821, 0.3755, 0.3550
Android (android.graphics.Color)	4289365364 (0xFFAA8574)
YUV	142.1250, -12.8796, 24.4464
Hunter-Lab	51.5578, 7.1203, 12.8933

# Details

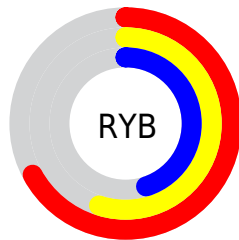
The Hex color **AA8574** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **7499AA**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **E2BAA8**, and **755344** is the 20% darker color. If you saturate the color by 10%, you get **AA7963**, and if you desaturate by 10%, it is **AA9185**.

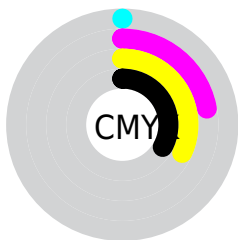
# Distribution



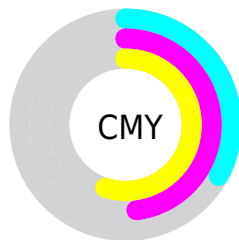
- Red (67%)
- Green (52%)
- Blue (45%)



- Red (67%)
- Yellow (55%)
- Blue (45%)



- Cyan (0%)
- Magenta (22%)
- Yellow (32%)
- Black (33%)



- Cyan (33%)
- Magenta (48%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AA8574 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 AA8574 by changing the saturation by 10% instead.



 AA8574

 AA8574

FFFFFF

 8F6C5B

 E2BAA8

 755344

 FFD6C3

 5B3C2D

 FFF2DF

 432619

FFFFFFC

 2C1200

 0E0000

 000000

 AA8574

 AA8574

 AA7963

 AA9185

■ AA6E52

■ AA9C96

■ AA6241

■ AAA8A7

■ AA5630

■ AAB4B8

■ AA4B1F

■ AABFC9

■ AA3F0E

■ AACBDA

■ AA3600

■ AAD7EB

■ AAE2FC

■ AAEEFF

# Harmonies

## Analogous

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



AF8282



AA8574



9E8A6D

# Triad

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



AA8574



699687



898AAB

# Complementary

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



AA8574



7499AA

# 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.



7390AD



AA8574



609698

# Square

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



AA8574



7A9478



6394A6



9D85A1

# Rectangle

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



AA8574



938E6D



6394A6



828CAD



# Sweetspot

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



AA8574



DECFC8



AA749A



706763



F0F0F0



707070



# Same Dimension

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



AA8574



DEA48A



AA9F74



544E4C



942F00



140600



# Inverse Universe

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



7499AA



8AC3DE



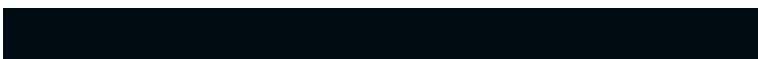
747FAA



4C5254



006594



000E14



# Previews

## White Background



This preview shows how the Hex color AA8574 looks on a white background.

## Color Contrast Check

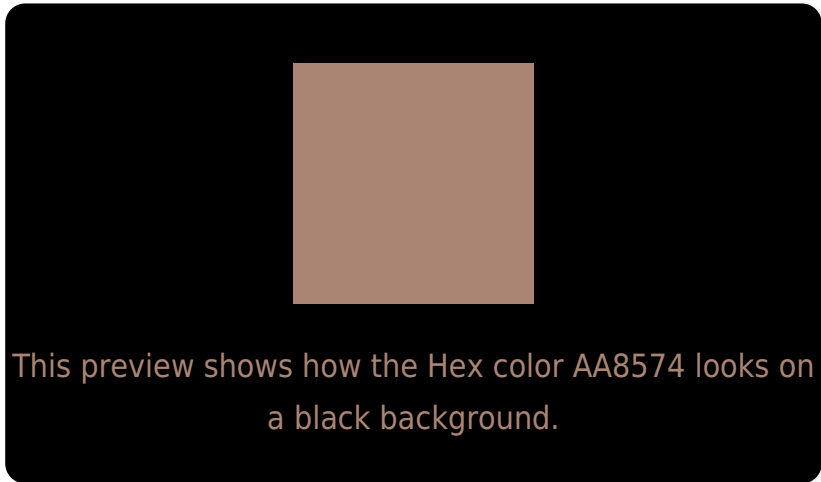
Large Text (above 18pt) WCAG AA ✓ Pass

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

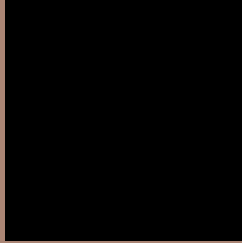
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AA8574 Background



This preview shows how black text looks on a background with the Hex color AA8574.

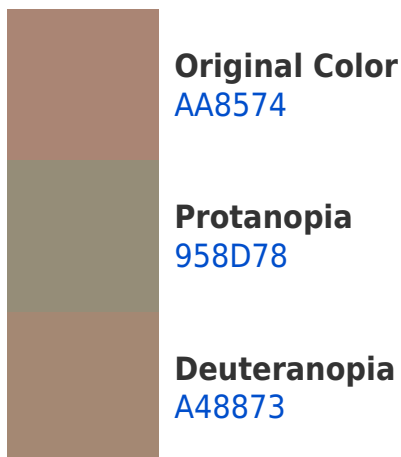



This preview shows how white text looks on a background with the Hex color AA8574.

# 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





**Tritanopia**  
AD828C

# Trichromacy



**Original Color**  
AA8574

**Protanomaly**  
9D8A77

**Deuteranomaly**  
A68773

**Tritanomaly**  
AC8383

# Monochromacy



**Original Color**  
AA8574

**Achromatopsia**  
8E8E8E

**Achromatomaly**  
988B85

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AA8574 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 #AA8574 looks like.

```
.text, #text, p{  
    color:#AA8574  
}
```

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 #AA8574 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA8574
}
```

## Border

The CSS property to change the border of an element to Hex AA8574 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
#AA8574 }
```

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

```
.border{ border-color:#AA8574 }
```

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

Here you see how a box with a 4 pixel #AA8574 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA8574; -webkit-box-shadow:4px 4px  
4px 4px #AA8574; box-shadow:4px 4px 4px  
4px #AA8574 }
```

# Background

The CSS property to change the background color of an element to Hex AA8574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA8574 }
```

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

```
.background{ background-color:#AA8574 }
```

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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