

# Converting Colors

Hex(AA8F54)

Have a look what the booklet for  
Hex(AA8F54) contains.

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**Color**

**Hex(AA8F54)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AA8F54
RGB	170, 143, 84
RGB Percent	67%, 56%, 33%
CMY	0.3333, 0.4392, 0.6706
CMYK	0.00, 0.16, 0.51, 0.33
HSL	41°, 34%, 50%
HSV	41°, 51%, 67%
XYZ	28.0003, 28.8311, 12.4767
YIQ	144.3470, 35.0310, -12.6250

# Conversions

## Conversions Part 2

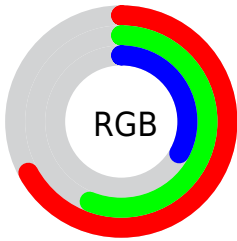
<b>Format</b>	<b>Color</b>
<b>RYB</b>	123, 170, 84
Decimal	11177812
CIELab	60.63, 2.38, 34.98
CIElCh	61, 35.063, 86.104
Yxy	28.8311, 0.4040, 0.4160
Android (android.graphics.Color)	4289367892 (0xFFAA8F54)
YUV	144.3470, -29.7511, 22.4977
Hunter-Lab	53.6946, -0.8826, 23.8093

# Details

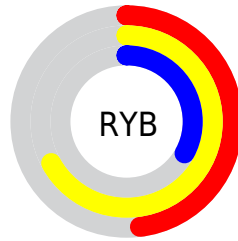
The Hex color **AA8F54** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **546FAA**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **E3C587**, and **745D24** is the 20% darker color. If you saturate the color by 10%, you get **AA8A43**, and if you desaturate by 10%, it is **AA9465**.

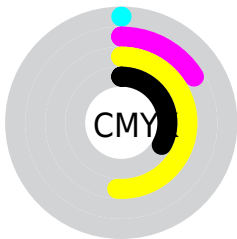
# Distribution



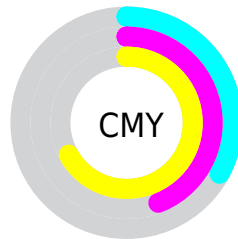
- Red (67%)
- Green (56%)
- Blue (33%)



- Red (48%)
- Yellow (67%)
- Blue (33%)



- Cyan (0%)
- Magenta (16%)
- Yellow (51%)
- Black (33%)



- Cyan (33%)
- Magenta (44%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AA8F54 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 AA8F54 by changing the saturation by 10% instead.





AA8F54



AA8F54

FFFFFF



8E753C



E3C587



745D24



FFE1A1



5A460C



FFFDBD



412F00



FFFFD9



281B00



FFFFFF5



0A0000



000000



AA8F54



AA8F54



AA8A43



AA9465

■ AA8432

■ AA9A76

■ AA7F21

■ AA9F87

■ AA7A10

■ AAA498

■ AA7500

■ AAAAA9

■ AAAFBA

■ AAB4CB

■ AABADC

■ AABFED

# Harmonies

## Analogous

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



C28460



AA8F54



8B9959

# Triad

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



AA8F54



00A2AC



B581B5

# Complementary

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



AA8F54



546FAA

# 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.



908CCA



AA8F54



1C9EC5

# Square

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



AA8F54



3BA28D



5D97D0



CA7A98

# Rectangle

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



AA8F54



739D66



5D97D0



AB84BD



# Sweetspot

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



AA8F54



DED3BD



AA546F



706A5C



F0F0F0



707070



# Same Dimension

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



AA8F54



DEB357



9AAA54



54524C



946500



140E00



# Inverse Universe

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



546FAA



5781DE



6454AA



4C4E54



002E94



000614



# Previews

## White Background



This preview shows how the Hex color AA8F54 looks on a white background.

## Color Contrast Check

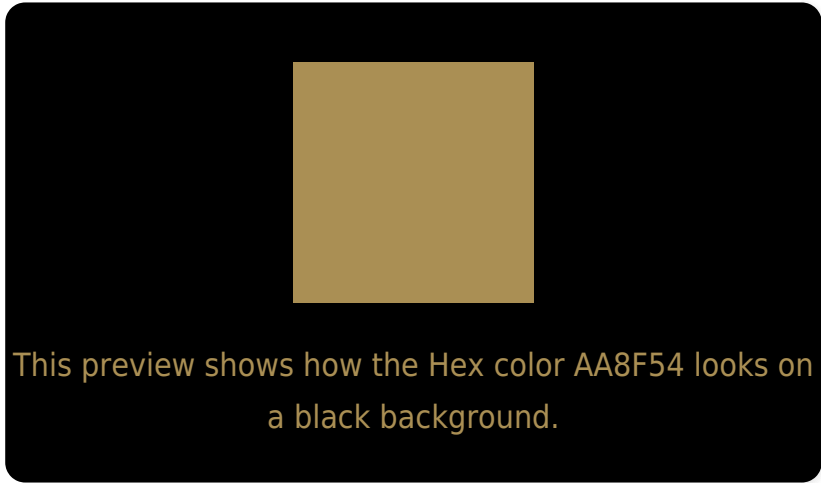
Large Text (above 18pt) WCAG AA ✓ Pass

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 AA8F54 Background



This preview shows how black text looks on a background with the Hex color AA8F54.



This preview shows how white text looks on a background with the Hex color AA8F54.

# 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**  
AA8F54

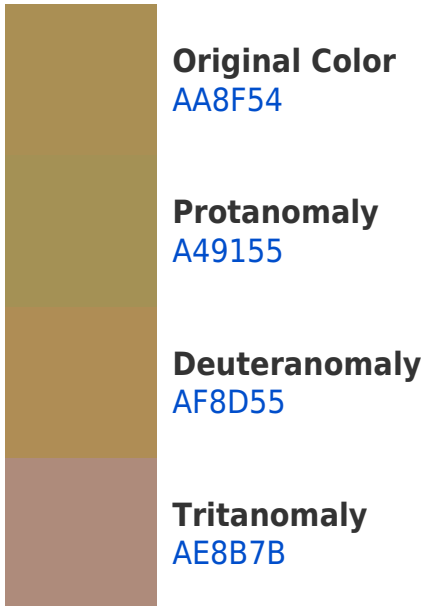
**Protanopia**  
A09255

**Deuteranopia**  
B28C55

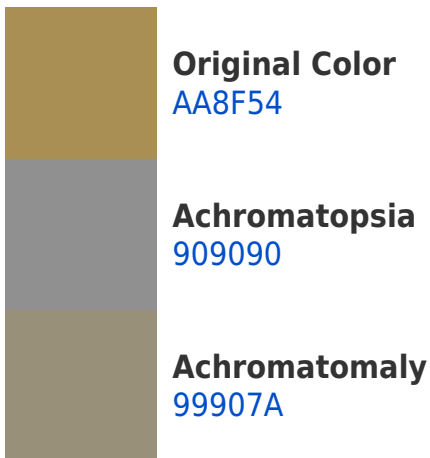


**Tritanopia**  
B08892

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AA8F54 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 #AA8F54 looks like.

```
.text, #text, p{  
    color:#AA8F54  
}
```

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 #AA8F54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA8F54
}
```

## Border

The CSS property to change the border of an element to Hex AA8F54 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
#AA8F54 }
```

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

```
.border{ border-color:#AA8F54 }
```

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

Here you see how a box with a 4 pixel #AA8F54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA8F54; -webkit-box-shadow:4px 4px  
4px 4px #AA8F54; box-shadow:4px 4px 4px  
4px #AA8F54 }
```

# Background

The CSS property to change the background color of an element to Hex AA8F54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA8F54 }
```

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

```
.background{ background-color:#AA8F54 }
```

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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