

# Converting Colors

Hex(A87252)

Have a look what the booklet for  
Hex(A87252) contains.

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**Color**

**Hex(A87252)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A87252
RGB	168, 114, 82
RGB Percent	66%, 45%, 32%
CMY	0.3412, 0.5529, 0.6784
CMYK	0.00, 0.32, 0.51, 0.34
HSL	22°, 34%, 49%
HSV	22°, 51%, 66%
XYZ	23.6888, 20.9687, 10.7815
YIQ	126.4980, 42.4560, 1.4960

# Conversions

## Conversions Part 2

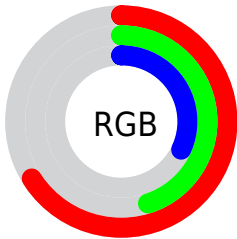
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	168, 133, 82
Decimal	11039314
CIE <sub>Lab</sub>	52.92, 17.61, 26.29
CIE <sub>LCh</sub>	53, 31.644, 56.188
Yxy	20.9687, 0.4273, 0.3782
Android (android.graphics.Color)	4289229394 (0xFFA87252)
YUV	126.4980, -21.9375, 36.3973
Hunter-Lab	45.7915, 12.2059, 18.0944

# Details

The Hex color **A87252** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **5288A8**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **E1A684**, and **714224** is the 20% darker color. If you saturate the color by 10%, you get **A86741**, and if you desaturate by 10%, it is **A87D63**.

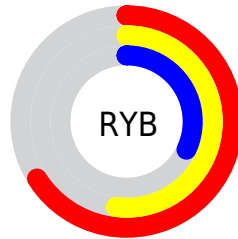
# Distribution



Red (66%)

Green (45%)

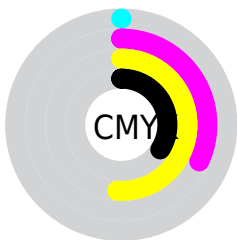
Blue (32%)



Red (66%)

Yellow (52%)

Blue (32%)

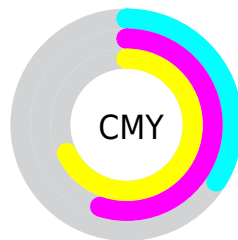


Cyan (0%)

Magenta (32%)

Yellow (51%)

Black (34%)



Cyan (34%)

Magenta (55%)

Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A87252 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 A87252 by changing the saturation by 10% instead.



 A87252

 A87252

FFFFFF

 8C593B

 E1A684

 714224

 FFC19E

 572B0F

 FFDD89

 3D1600

 FFFAD5

 250000

 FFFFF1

 000000

 A87252

 A87252

 A86741

 A87D63

 A85D30

 A88774

 A85220

 A89284

 A8480F

 A89C95

 A83F00

 A8A7A6

 A8B1B7

 A8BCC8

 A8C6D8

 A8D1E9

# Harmonies

## Analogous

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



B36B68



A87252



937C48

# Triad

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



A87252



318D7A



7C79AF

# Complementary

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



A87252



5288A8

# 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.



4F82B4



A87252



008C95

# Square

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



A87252



578A5F



1689AB



9D6F9D

# Rectangle

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



A87252



818149



1689AB



6E7CB2



# Sweetspot

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



A87252



DBC7BA



A85288



6E615A



EDEDED



6E6E6E



# Same Dimension

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



A87252



DB8756



A89D52



544F4C



943700



140800



# Inverse Universe

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



5288A8



56AADB



525DA8



4C5154



005D94

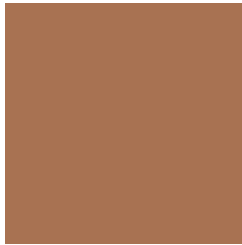


000D14



# Previews

## White Background



This preview shows how the Hex color A87252 looks on a white background.

## Color Contrast Check

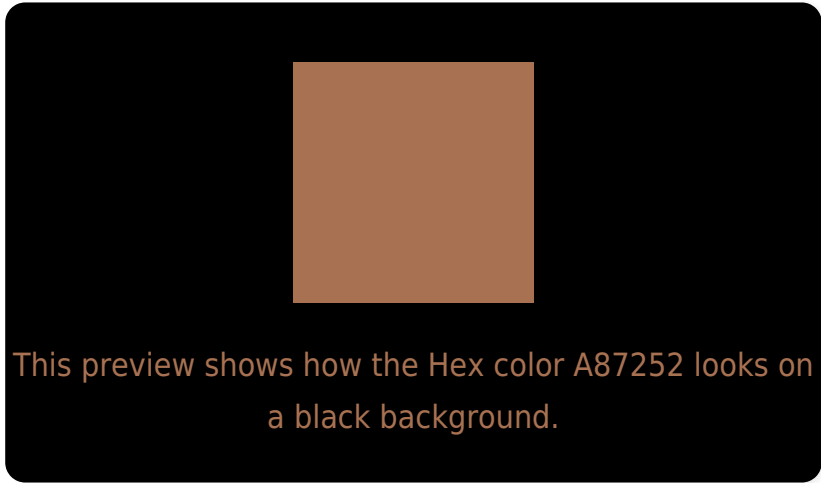
Large Text (above 18pt) WCAG AA ✓ Pass

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

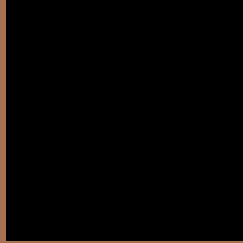
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A87252 Background



This preview shows how black text looks on a background with the Hex color A87252.

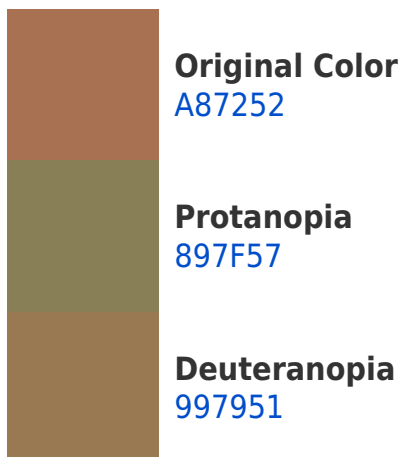


This preview shows how white text looks on a background with the Hex color A87252.

# 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**  
AB6D76

# Trichromacy



**Original Color**  
A87252

**Protanomaly**  
947A55

**Deuteranomaly**  
9E7651

**Tritanomaly**  
AA6F69

# Monochromacy



**Original Color**  
A87252

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
8D7A6E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A87252 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 #A87252 looks like.

```
.text, #text, p{  
    color:#A87252  
}
```

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 #A87252 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A87252
}
```

## Border

The CSS property to change the border of an element to Hex A87252 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
#A87252 }
```

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

```
.border{ border-color:#A87252 }
```

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

Here you see how a box with a 4 pixel #A87252 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A87252; -webkit-box-shadow:4px 4px  
4px 4px #A87252; box-shadow:4px 4px 4px  
4px #A87252 }
```

# Background

The CSS property to change the background color of an element to Hex A87252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A87252 }
```

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

```
.background{ background-color:#A87252 }
```

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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