

# Converting Colors

Hex(A87249)

Have a look what the booklet for  
Hex(A87249) contains.

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**Color**

**Hex(A87249)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A87249
RGB	168, 114, 73
RGB Percent	66%, 45%, 29%
CMY	0.3412, 0.5529, 0.7137
CMYK	0.00, 0.32, 0.57, 0.34
HSL	26°, 39%, 47%
HSV	26°, 57%, 66%
XYZ	23.3684, 20.8405, 9.0943
YIQ	125.4720, 45.3450, -1.3030

# Conversions

## Conversions Part 2

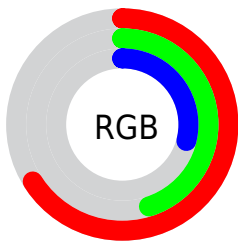
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	168, 145, 73
Decimal	11039305
CIE <sub>Lab</sub>	52.77, 16.79, 31.15
CIE <sub>LCh</sub>	53, 35.389, 61.676
Yxy	20.8405, 0.4384, 0.3910
Android (android.graphics.Color)	4289229385 (0xFFA87249)
YUV	125.4720, -25.8687, 37.2971
Hunter-Lab	45.6514, 11.4819, 20.1447

# Details

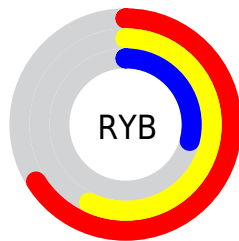
The Hex color **A87249** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **497FA8**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **E2A67A**, and **71421B** is the 20% darker color. If you saturate the color by 10%, you get **A86838**, and if you desaturate by 10%, it is **A87C5A**.

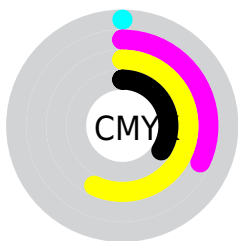
# Distribution



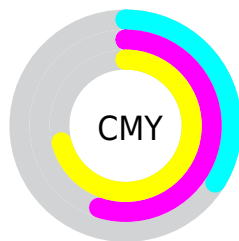
- Red (66%)
- Green (45%)
- Blue (29%)



- Red (66%)
- Yellow (57%)
- Blue (29%)



- Cyan (0%)
- Magenta (32%)
- Yellow (57%)
- Black (34%)



- Cyan (34%)
- Magenta (55%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A87249 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 A87249 by changing the saturation by 10% instead.



 A87249

 A87249

FFFFFF

 8C5932

 E2A67A

 71421B

 FFC195

 562B03

 FFDDAF

 3C1600

 FFFACB

 240000

 FFFFEE

 000000

 A87249

 A87249

 A86838

 A87C5A

 A85F27

 A8856B

 A85517

 A88F7B

 A84C06

 A8988C

 A84900

 A8A29D

 A8ABAE

 A8B5BF

 A8BECF

 A8C8E0

# Harmonies

## Analogous

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



B66960



A87249



8F7D40

# Triad

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



A87249



068E7F



8375B2

# Complementary

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



A87249



497FA8

# 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.



5080BA



A87249



008D9D

# Square

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



A87249



4A8B60



0089B3



A56B9B

# Rectangle

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



A87249



7B8344



0089B3



7479B6



# Sweetspot

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



A87249



DBC6B6



A84980



6E6158



EDEDED



6E6E6E



# Same Dimension

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



A87249



DB8746



A8A049



544F4C



944000



140900



# Inverse Universe

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



497FA8



469BDB



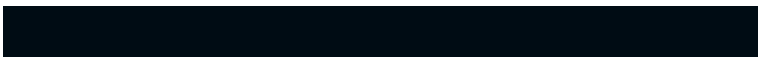
4951A8



4C5154



005494



000C14



# Previews

## White Background



This preview shows how the Hex color A87249 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

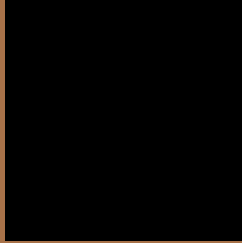
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A87249 Background



This preview shows how black text looks on a background with the Hex color A87249.



This preview shows how white text looks on a background with the Hex color A87249.

# 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**  
A87249

**Protanopia**  
8A7E4E

**Deuteranopia**  
9A7948



**Tritanopia**  
AB6D75

# Trichromacy



**Original Color**  
A87249

**Protanomaly**  
957A4C

**Deuteranomaly**  
9F7648

**Tritanomaly**  
AA6F65

# Monochromacy



**Original Color**  
A87249

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
8D796A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A87249 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 #A87249 looks like.

```
.text, #text, p{  
    color:#A87249  
}
```

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 #A87249 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A87249
}
```

## Border

The CSS property to change the border of an element to Hex A87249 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
#A87249 }
```

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

```
.border{ border-color:#A87249 }
```

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

Here you see how a box with a 4 pixel #A87249 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A87249; -webkit-box-shadow:4px 4px  
4px 4px #A87249; box-shadow:4px 4px 4px  
4px #A87249 }
```

# Background

The CSS property to change the background color of an element to Hex A87249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A87249 }
```

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

```
.background{ background-color:#A87249 }
```

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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