

Converting Colors

Hex(A87C5B)

Have a look what the booklet for
Hex(A87C5B) contains.

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Color

Hex(A87C5B)

Conversions

Conversions Part 1

Format	Color
Hex	A87C5B
RGB	168, 124, 91
RGB Percent	66%, 49%, 36%
CMY	0.3412, 0.5137, 0.6431
CMYK	0.00, 0.26, 0.46, 0.34
HSL	26°, 31%, 51%
HSV	26°, 46%, 66%
XYZ	25.2444, 23.4955, 13.1021
YIQ	133.3940, 36.8170, -0.9350

Conversions

Conversions Part 2

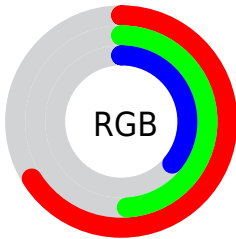
Format	Color
R_{YB}	168, 149, 91
Decimal	11041883
CIE _{Lab}	55.58, 12.87, 24.67
CIE _{LCh}	56, 27.828, 62.453
Yxy	23.4955, 0.4082, 0.3799
Android (android.graphics.Color)	4289231963 (0xFFA87C5B)
YUV	133.3940, -20.9002, 30.3495
Hunter-Lab	48.4721, 8.1371, 17.9043

Details

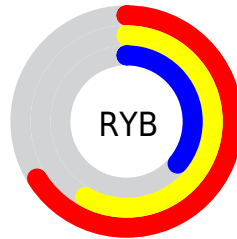
The Hex color **A87C5B** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **5B87A8**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **E1B18E**, and **724B2D** is the 20% darker color. If you saturate the color by 10%, you get **A8724A**, and if you desaturate by 10%, it is **A8866C**.

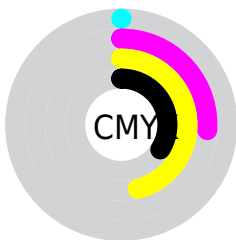
Distribution



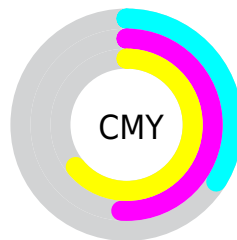
- Red (66%)
- Green (49%)
- Blue (36%)



- Red (66%)
- Yellow (58%)
- Blue (36%)



- Cyan (0%)
- Magenta (26%)
- Yellow (46%)
- Black (34%)



- Cyan (34%)
- Magenta (51%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color A87C5B 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 A87C5B by changing the saturation by 10% instead.

 A87C5B

 A87C5B

FFFFFF

 8D6343

 E1B18E

 724B2D

 FECCA8

 583417

 FFE8C3

 3F1F00

 FFFFDF

 260900

 FFFFFC

 000000

 A87C5B

 A87C5B

 A8724A

 A8866C

 A86939

 A88F7D

 A85F29

 A8998D

 A85618

 A8A29E

 A84C07

 A8ACAF

 A84800

 A8B6C0

 A8BFD1

 A8C9E1

 A8D2F2

Harmonies

Analogous

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



B4756C



A87C5B



948455

Triad

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



A87C5B



419286



8B7EAE

Complementary

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



A87C5B



5B87A8

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.



6787B5



A87C5B



30919E

Square

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



A87C5B



5E906E



438EAF



A5769C

Rectangle

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



A87C5B



838958



438EAF



8081B2

Sweetspot

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



A87C5B



DBCABD



A85B88



6E635B



EDEDED



6E6E6E

Same Dimension

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



A87C5B



DB9663



A8A25B



544F4C



943F00



140900

Inverse Universe

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



5B87A8



63A8DB



5B61A8



4C5154



005594



000C14

Previews

White Background



This preview shows how the Hex color A87C5B looks on a white background.

Color Contrast Check

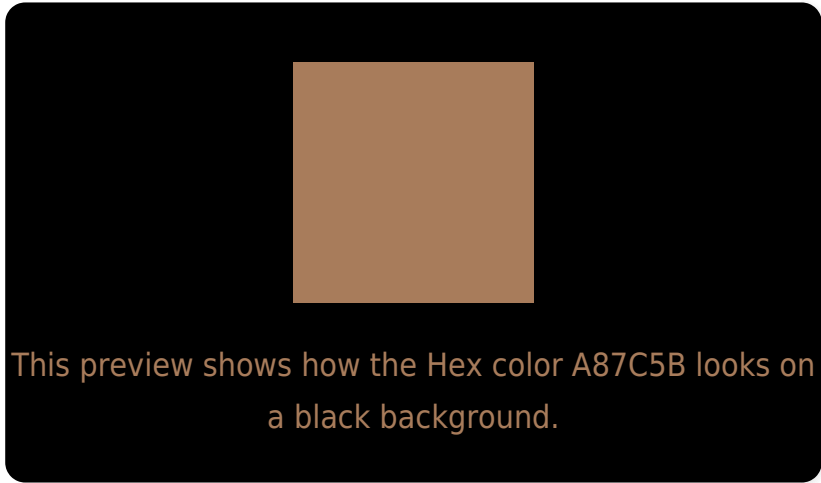
Large Text (above 18pt) WCAG AA ✓ Pass

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

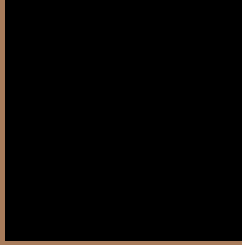
Any Text WCAG AA ✓ Pass

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 A87C5B Background



This preview shows how black text looks on a background with the Hex color A87C5B.



This preview shows how white text looks on a background with the Hex color A87C5B.

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
A87C5B

Protanopia
90855F

Deuteranopia
A0805A



Tritanopia
AB7780

Trichromacy



Original Color
A87C5B

Protanomaly
99825E

Deuteranomaly
A37F5A

Tritanomaly
AA7973

Monochromacy



Original Color
A87C5B

Achromatopsia
858585

Achromatomaly
928276

CSS Examples

Text

The CSS property to change the color of the text to Hex A87C5B 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 #A87C5B looks like.

```
.text, #text, p{  
    color:#A87C5B  
}
```

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 #A87C5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A87C5B
}
```

Border

The CSS property to change the border of an element to Hex A87C5B 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
#A87C5B }
```

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

```
.border{ border-color:#A87C5B }
```

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

Here you see how a box with a 4 pixel #A87C5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A87C5B; -webkit-box-shadow:4px 4px  
4px 4px #A87C5B; box-shadow:4px 4px 4px  
4px #A87C5B }
```

Background

The CSS property to change the background color of an element to Hex A87C5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A87C5B }
```

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

```
.background{ background-color:#A87C5B }
```

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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