

Converting Colors

Hex(A87C51)

Have a look what the booklet for
Hex(A87C51) contains.

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Color

Hex(A87C51)

Conversions

Conversions Part 1

Format	Color
Hex	A87C51
RGB	168, 124, 81
RGB Percent	66%, 49%, 32%
CMY	0.3412, 0.5137, 0.6824
CMYK	0.00, 0.26, 0.52, 0.34
HSL	30°, 35%, 49%
HSV	30°, 52%, 66%
XYZ	24.8413, 23.3342, 10.9793
YIQ	132.2540, 40.0270, -4.0450

Conversions

Conversions Part 2

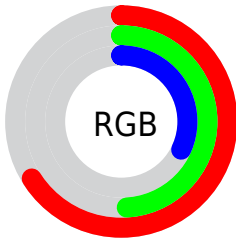
Format	Color
RYB	168, 166, 81
Decimal	11041873
CIELab	55.41, 11.86, 30.04
CIELCh	55, 32.295, 68.460
Yxy	23.3342, 0.4199, 0.3945
Android (android.graphics.Color)	4289231953 (0xFFA87C51)
YUV	132.2540, -25.2682, 31.3492
Hunter-Lab	48.3055, 7.2597, 20.3380

Details

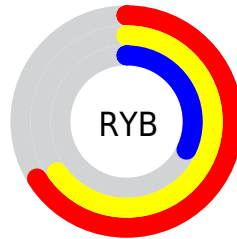
The Hex color **A87C51** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **517DA8**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **E1B183**, and **714B23** is the 20% darker color. If you saturate the color by 10%, you get **A87440**, and if you desaturate by 10%, it is **A88462**.

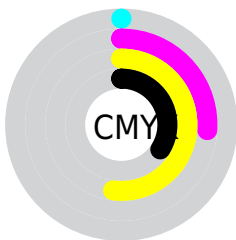
Distribution



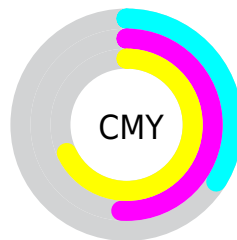
- Red (66%)
- Green (49%)
- Blue (32%)



- Red (66%)
- Yellow (65%)
- Blue (32%)



- Cyan (0%)
- Magenta (26%)
- Yellow (52%)
- Black (34%)



- Cyan (34%)
- Magenta (51%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color A87C51 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 A87C51 by changing the saturation by 10% instead.

 A87C51

 A87C51

FFFFFF

 8C6339

 E1B183

 714B23

 FFCC9D

 57340C

 FFE8B8

 3E1F00

 FFFFD4

 250A00

 FFFFF1

 000000

 A87C51

 A87C51

 A87440

 A88462

 A86B2F

 A88D73

 A8631F

 A89583

 A85A0E

 A89E94

 A85300

 A8A6A5

 A8AFB6

 A8B7C7

 A8C0D7

 A8C8E8

Harmonies

Analogous

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



B87363



A87C51



8F864D

Triad

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



A87C51



23948C



927BB1

Complementary

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



A87C51



517DA8

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.



6985BC



A87C51



0092A7

Square

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



A87C51



4E926F



368DB8



AE729A

Rectangle

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



A87C51



7C8B52



368DB8



867EB6

Sweetspot

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



A87C51



DBCAB8



A8517E



6E6359



EDEDED



6E6E6E

Same Dimension

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



A87C51



DB9753



A8A751



54504C



944900



140A00

Inverse Universe

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



517DA8



5398DB



5152A8



4C5054



004B94



000A14

Previews

White Background



This preview shows how the Hex color A87C51 looks on a white background.

Color Contrast Check

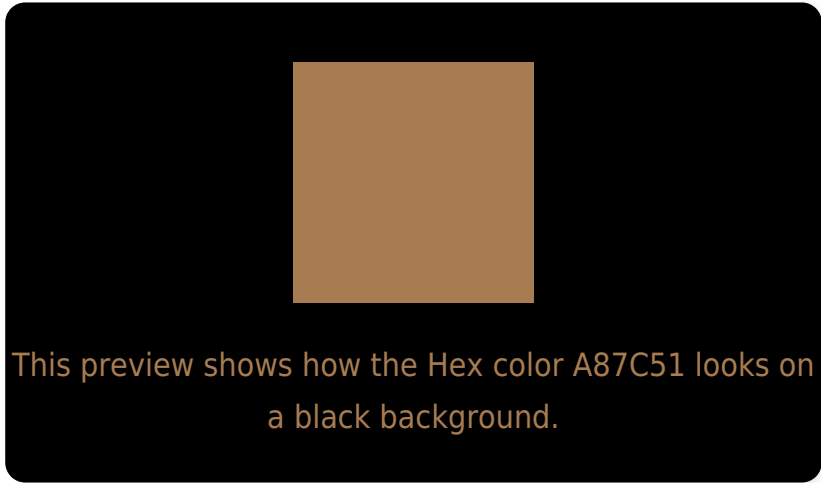
Large Text (above 18pt) WCAG AA ✓ Pass

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

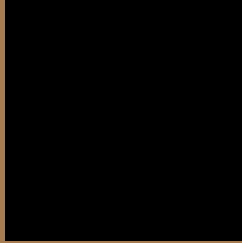
Any Text WCAG AA ✓ Pass

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 A87C51 Background



This preview shows how black text looks on a background with the Hex color A87C51.



This preview shows how white text looks on a background with the Hex color A87C51.

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
A87C51

Protanopia
918554

Deuteranopia
A17F50

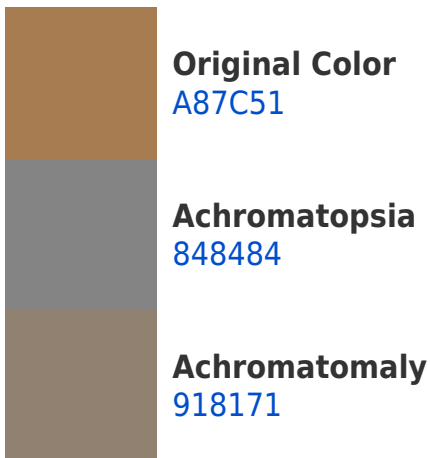


Tritanopia
AC767F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A87C51 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 #A87C51 looks like.

```
.text, #text, p{  
    color:#A87C51  
}
```

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 #A87C51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A87C51
}
```

Border

The CSS property to change the border of an element to Hex A87C51 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
#A87C51 }
```

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

```
.border{ border-color:#A87C51 }
```

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

Here you see how a box with a 4 pixel #A87C51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A87C51; -webkit-box-shadow:4px 4px  
4px 4px #A87C51; box-shadow:4px 4px 4px  
4px #A87C51 }
```

Background

The CSS property to change the background color of an element to Hex A87C51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A87C51 }
```

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

```
.background{ background-color:#A87C51 }
```

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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