

# Converting Colors

Hex(A87552)

Have a look what the booklet for  
Hex(A87552) contains.

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**Color**

**Hex(A87552)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | A87552                     |
| RGB           | 168, 117, 82               |
| RGB Percent   | 66%, 46%, 32%              |
| CMY           | 0.3412, 0.5412, 0.6784     |
| CMYK          | 0.00, 0.30, 0.51, 0.34     |
| HSL           | 24°, 34%, 49%              |
| HSV           | 24°, 51%, 66%              |
| XYZ           | 24.0327, 21.6566, 10.8961  |
| YIQ           | 128.2590, 41.6310, -0.0730 |

# Conversions

## Conversions Part 2

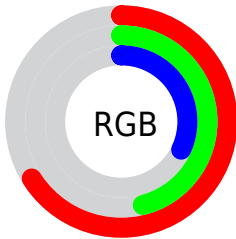
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 168, 141, 82                   |
| Decimal                             | 11040082                       |
| CIELab                              | 53.66, 15.91, 27.25            |
| CIELCh                              | 54, 31.556, 59.720             |
| Yxy                                 | 21.6566, 0.4247,<br>0.3827     |
| Android<br>(android.graphics.Color) | 4289230162<br>(0xFFA87552)     |
| YUV                                 | 128.2590, -22.8057,<br>34.8529 |
| Hunter-Lab                          | 46.5367, 10.7428,<br>18.6935   |

# Details

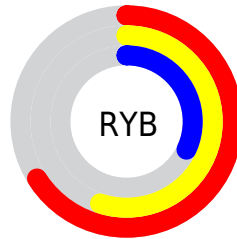
The Hex color **A87552** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **5285A8**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **E1A984**, and **714524** is the 20% darker color. If you saturate the color by 10%, you get **A86B41**, and if you desaturate by 10%, it is **A87F63**.

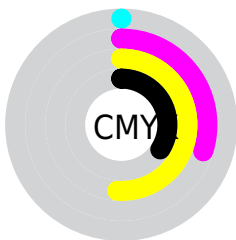
# Distribution



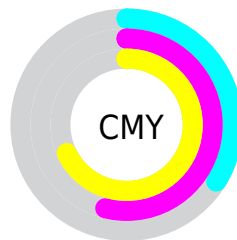
- Red (66%)
- Green (46%)
- Blue (32%)



- Red (66%)
- Yellow (55%)
- Blue (32%)



- Cyan (0%)
- Magenta (30%)
- Yellow (51%)
- Black (34%)



- Cyan (34%)
- Magenta (54%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A87552 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 A87552 by changing the saturation by 10% instead.



 A87552

 A87552

FFFFFF

 8C5C3B

 E1A984

 714524

 FFC59E

 572E0F

 FFE1B9

 3E1900

 FFFDD5

 250000

 FFFFF2

 000000

 A87552

 A87552

 A86B41

 A87F63

 A86130

 A88974

 A85720

 A89384

 A84D0F

 A89D95

 A84400

 A8A7A6

 A8B1B7

 A8BBC8

 A8C5D8

 A8CFE9

# Harmonies

## Analogous

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



B46D67



A87552



927E49

# Triad

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



A87552



2F8F7F



8379AF

# Complementary

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



A87552



5285A8

# 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.



5783B6



A87552



008E9A

# Square

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



A87552



558C64



238AAE



A2709C

# Rectangle

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



A87552



80844C



238AAE



757DB3



# Sweetspot

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



A87552



DBC8BA



A85286



6E625A



EDEDED



6E6E6E



# Same Dimension

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



A87552



DB8C56



A89F52



544F4C



943C00



140800



# Inverse Universe

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



5285A8



56A5DB



525BA8



4C5154



005894



000C14



# Previews

## White Background



This preview shows how the Hex color A87552 looks on a white background.

## Color Contrast Check

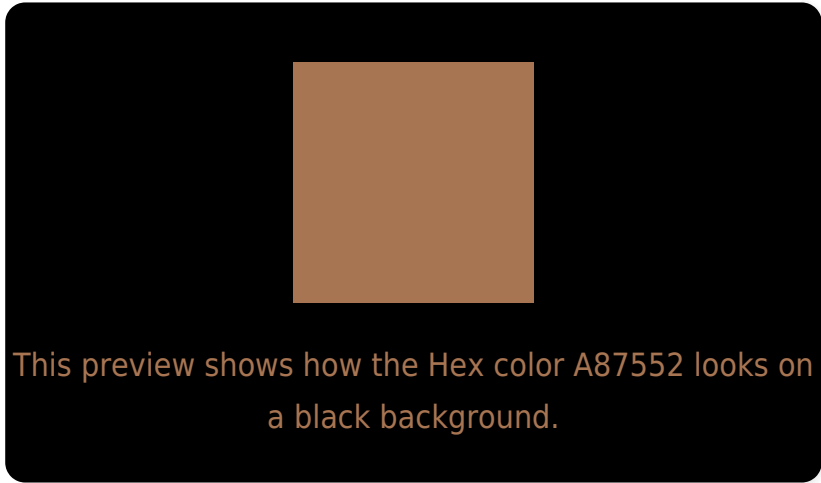
Large Text (above 18pt) WCAG AA ✓ Pass

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

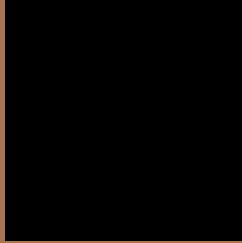
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A87552 Background



This preview shows how black text looks on a background with the Hex color A87552.



This preview shows how white text looks on a background with the Hex color A87552.

# 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**  
A87552

**Protanopia**  
8B8157

**Deuteranopia**  
9B7B51



**Tritanopia**  
AB7079

# Trichromacy



**Original Color**  
A87552

**Protanomaly**  
967D55

**Deuteranomaly**  
A07951

**Tritanomaly**  
AA726B

# Monochromacy



**Original Color**  
A87552

**Achromatopsia**  
808080

**Achromatomaly**  
8F7C6F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A87552 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 #A87552 looks like.

```
.text, #text, p{  
    color:#A87552  
}
```

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 #A87552 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A87552
}
```

## Border

The CSS property to change the border of an element to Hex A87552 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
#A87552 }
```

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

```
.border{ border-color:#A87552 }
```

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

Here you see how a box with a 4 pixel #A87552 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A87552; -webkit-box-shadow:4px 4px  
4px 4px #A87552; box-shadow:4px 4px 4px  
4px #A87552 }
```

# Background

The CSS property to change the background color of an element to Hex A87552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A87552 }
```

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

```
.background{ background-color:#A87552 }
```

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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