

Converting Colors

Hex(A87A03)

Have a look what the booklet for
Hex(A87A03) contains.

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Color

Hex(A87A03)

Conversions

Conversions Part 1	
Format	Color
Hex	A87A03
RGB	168, 122, 3
RGB Percent	66%, 48%, 1%
CMY	0.3412, 0.5216, 0.9882
CMYK	0.00, 0.27, 0.98, 0.34
HSL	43°, 96%, 34%
HSV	43°, 98%, 66%
XYZ	23.1244, 22.2505, 3.1621
YIQ	122.1880, 65.6150, -27.2570

Conversions

Conversions Part 2

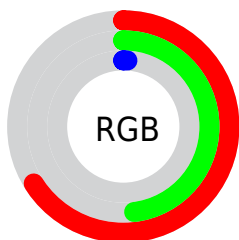
Format	Color
RYB	67, 168, 3
Decimal	11041283
CIELab	54.29, 9.16, 59.72
CIELCh	54, 60.415, 81.282
Yxy	22.2505, 0.4764, 0.4584
Android (android.graphics.Color)	4289231363 (0xFFA87A03)
YUV	122.1880, -58.7597, 40.1771
Hunter-Lab	47.1704, 4.9581, 29.0447

Details

The Hex color **A87A03** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0331A8**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **E4AE44**, and **6F4A00** is the 20% darker color. If you saturate the color by 10%, you get **A87900**, and if you desaturate by 10%, it is **A87F14**.

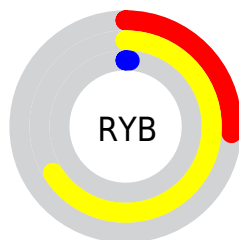
Distribution



Red (66%)

Green (48%)

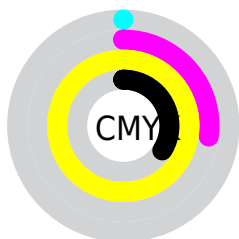
Blue (1%)



Red (26%)

Yellow (66%)

Blue (1%)

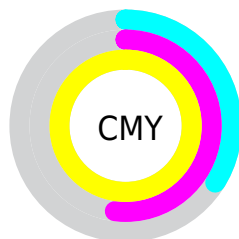


Cyan (0%)

Magenta (27%)

Yellow (98%)

Black (34%)



Cyan (34%)

Magenta (52%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color A87A03 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 A87A03 by changing the saturation by 10% instead.

 A87A03

 A87A03

FFFFFF

 8B6100

 E4AE44

 6F4A00

 FFC95F

 533300

 FFE579

 381E00

 FFFF94

 200800

 FFFF80

 000000

 FFFFCC

 FFFFE9

 A87A03

 A87A03

 A87900

 A87F14

 A88325

 A88835

 A88D46

 A89157

 A89668

 A89B79

 A89F89

 A8A49A

Harmonies

Analogous

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



CC6430



A87A03



788A0B

Triad

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



A87A03



009AA6



B263C4

Complementary

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



A87A03



0331A8

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.



637AE4



A87A03



0096D3

Square

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



A87A03



009970



008CE9



D84F93

Rectangle

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



A87A03



4F922C



008CE9



9D6BD1

Sweetspot

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



A87A03



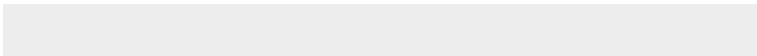
DBCA9C



A80332



6E6347



EDEDED



6E6E6E

Same Dimension

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



A87A03



DB9E00



84A803



54524C



946B00



140F00

Inverse Universe

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



0331A8



003DDB



2703A8



4C4E54



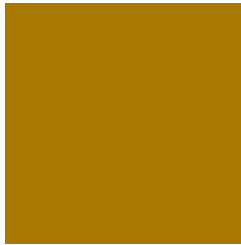
002994



000614

Previews

White Background



This preview shows how the Hex color A87A03 looks on a white background.

Color Contrast Check

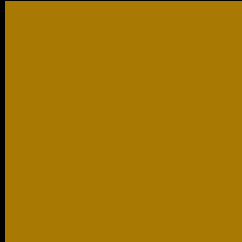
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color A87A03 looks on a 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 A87A03 Background



This preview shows how black text looks on a background with the Hex color A87A03.



This preview shows how white text looks on a background with the Hex color A87A03.

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

A87A03

Protanopia

93830A

Deuteranopia

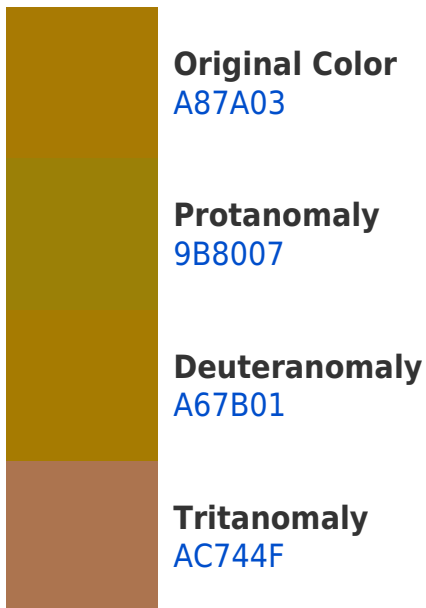
A57B00



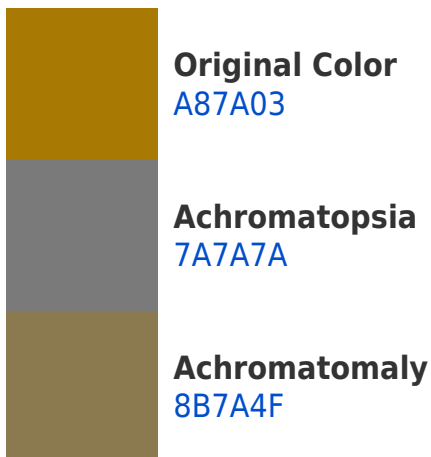
Tritanopia

AE717A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A87A03 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 #A87A03 looks like.

```
.text, #text, p{  
    color:#A87A03  
}
```

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 #A87A03 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A87A03
}
```

Border

The CSS property to change the border of an element to Hex A87A03 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
#A87A03 }
```

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

```
.border{ border-color:#A87A03 }
```

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

Here you see how a box with a 4 pixel #A87A03 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A87A03; -webkit-box-shadow:4px 4px  
4px 4px #A87A03; box-shadow:4px 4px 4px  
4px #A87A03 }
```

Background

The CSS property to change the background color of an element to Hex A87A03 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A87A03 }
```

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

```
.background{ background-color:#A87A03 }
```

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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