

Converting Colors

Hex(A87000)

Have a look what the booklet for
Hex(A87000) contains.

Hex(A87000)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(A87000)

Conversions

Conversions Part 1

Format	Color
Hex	A87000
RGB	168, 112, 0
RGB Percent	66%, 44%, 0%
CMY	0.3412, 0.5608, 1.0000
CMYK	0.00, 0.33, 1.00, 0.34
HSL	40°, 100%, 33%
HSV	40°, 100%, 66%
XYZ	21.9426, 19.9132, 2.6871
YIQ	115.9760, 69.3280, -22.9600

Conversions

Conversions Part 2

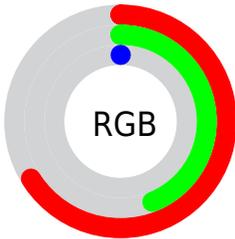
Format	Color
R_{YB}	84, 168, 0
Decimal	11038720
CIE Lab	51.74, 14.75, 58.56
CIE LCh	52, 60.391, 75.863
Yxy	19.9132, 0.4926, 0.4471
Android (android.graphics.Color)	4289228800 (0xFFA87000)
YUV	115.9760, -57.1762, 45.6250
Hunter-Lab	44.6242, 9.6798, 27.6667

Details

The Hex color **A87000** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0038A8**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **E4A441**, and **6E4000** is the 20% darker color. If you saturate the color by 10%, you get **A87000**, and if you desaturate by 10%, it is **A87611**.

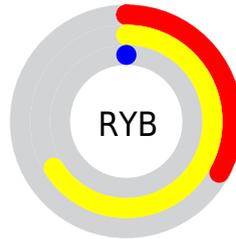
Distribution



Red (66%)

Green (44%)

Blue (0%)



Red (33%)

Yellow (66%)

Blue (0%)

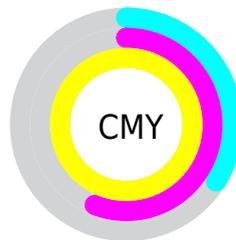


Cyan (0%)

Magenta (33%)

Yellow (100%)

Black (34%)



Cyan (34%)

Magenta (56%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color A87000 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 A87000 by changing the saturation by 10% instead.

 A87000

 A87000

FFFFFF

 8B5800

 E4A441

 6E4000

 FFBF5B

 522A00

 FFDA75

 371600

 FFF790

 200000

 FFFFAC

 000000

 FFFFC8

 FFFF E5

 A87000

 A87611

 A87B22

 A88132

 A88643

 A88C54

 A89265

 A89776

 A89D86

 A8A297

Harmonies

Analogous

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



C95A32



A87000



7A8100

Triad

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



A87000



009396



A061C4

Complementary

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



A87000



0038A8

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.



4278DF



A87000



0091C5

Square

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



A87000



009260



0088E0



CC4A96

Rectangle

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



A87000



54891C



0088E0



8969D0

Sweetspot

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



A87000



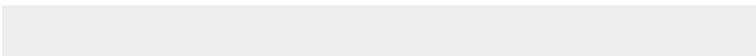
DBC59A



A80038



6E6046



EDEDED



6E6E6E

Same Dimension

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



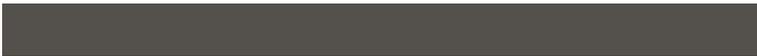
A87000



DB9200



8CA800



54514C



946300



140E00

Inverse Universe

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



0038A8



0049DB



1C00A8



4C4F54



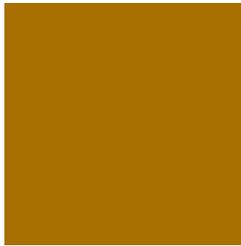
003194



000714

Previews

White Background



This preview shows how the Hex color A87000 looks on a white background.

Color Contrast Check

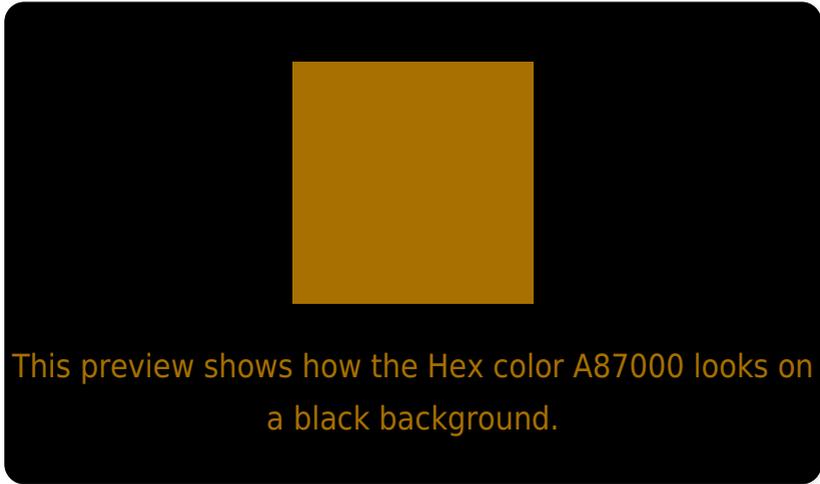
Large Text (above 18pt) WCAG AA ✓ Pass

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

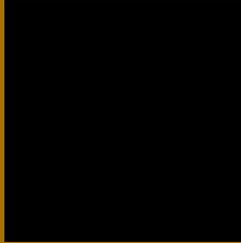
Any Text WCAG AA ✓ Pass

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 A87000 Background



This preview shows how black text looks on a background with the Hex color A87000.



This preview shows how white text looks on a background with the Hex color A87000.

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
A87000

Protanopia
8C7C0B

Deuteranopia
9D7500

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A87000 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 #A87000 looks like.

```
.text, #text, p{  
    color:#A87000  
}
```

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 #A87000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A87000  
}
```

Border

The CSS property to change the border of an element to Hex A87000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

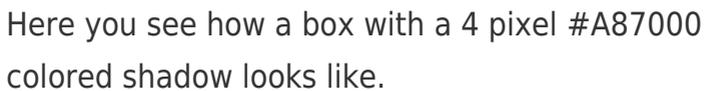
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#A87000 }
```

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

```
.border{ border-color:#A87000 }
```

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

A rectangular box with a 4px #A87000 colored shadow. The box is white with a thin black border and a thick #A87000 shadow on the right and bottom sides. The text inside the box reads: "Here you see how a box with a 4 pixel #A87000 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A87000; -webkit-box-shadow:4px 4px  
4px 4px #A87000; box-shadow:4px 4px 4px  
4px #A87000 }
```

Background

The CSS property to change the background color of an element to Hex A87000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A87000 }
```

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

```
.background{ background-color:#A87000 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor