

Converting Colors

Hex(A87B0C)

Have a look what the booklet for
Hex(A87B0C) contains.

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Color

Hex(A87B0C)

Conversions

Conversions Part 1

Format	Color
Hex	A87B0C
RGB	168, 123, 12
RGB Percent	66%, 48%, 5%
CMY	0.3412, 0.5176, 0.9529
CMYK	0.00, 0.27, 0.93, 0.34
HSL	43°, 87%, 35%
HSV	43°, 93%, 66%
XYZ	23.2978, 22.5173, 3.4662
YIQ	123.8010, 62.4510, -24.9810

Conversions

Conversions Part 2

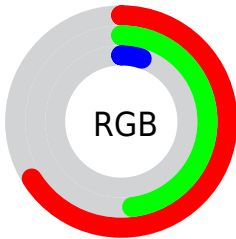
Format	Color
R_{YB}	75, 168, 12
Decimal	11041548
CIE _{Lab}	54.57, 8.73, 58.29
CIE _{LCh}	55, 58.939, 81.483
Yxy	22.5173, 0.4728, 0.4569
Android (android.graphics.Color)	4289231628 (0xFFA87B0C)
YUV	123.8010, -55.1179, 38.7625
Hunter-Lab	47.4524, 4.5967, 28.8858

Details

The Hex color **A87B0C** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0C39A8**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **E3AF48**, and **6F4B00** is the 20% darker color. If you saturate the color by 10%, you get **A87800**, and if you desaturate by 10%, it is **A8801D**.

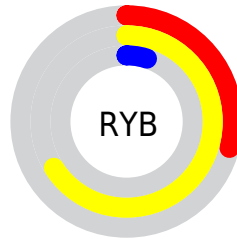
Distribution



Red (66%)

Green (48%)

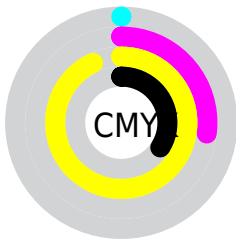
Blue (5%)



Red (29%)

Yellow (66%)

Blue (5%)

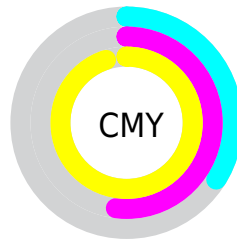


Cyan (0%)

Magenta (27%)

Yellow (93%)

Black (34%)



Cyan (34%)

Magenta (52%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color A87B0C 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 A87B0C by changing the saturation by 10% instead.

 A87B0C

 A87B0C

FFFFFF

 8B6200

 E3AF48

 6F4B00

 FFCB62

 533400

 FFE77D

 381F00

 FFFF98

 200900

 FFFFB4

 000000

 FFFF00

 FFFFED

 A87B0C

 A87B0C

■ A87800

■ A8801D

■ A8852E

■ A88A3E

■ A88E4F

■ A89360

■ A89871

■ A89D82

■ A8A292

■ A8A7A3

Harmonies

Analogous

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



CC6633



A87B0C



798B13

Triad

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



A87B0C



009AA6



B264C3

Complementary

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



A87B0C



0C39A8

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.



667BE2



A87B0C



0097D2

Square

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



A87B0C



009A72



008DE8



D75293

Rectangle

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



A87B0C



51922F



008DE8



9E6CCF

Sweetspot

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



A87B0C



DBCA9E



A80C3B



6E6348



EDEDED



6E6E6E

Same Dimension

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



A87B0C



DB9C00



89A80C



54524C



946900



140F00

Inverse Universe

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



0C39A8



003FDB



2B0CA8



4C4E54



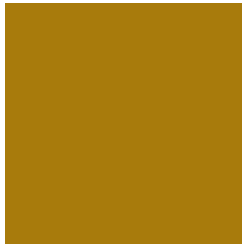
002B94



000614

Previews

White Background



This preview shows how the Hex color A87B0C looks on a white background.

Color Contrast Check

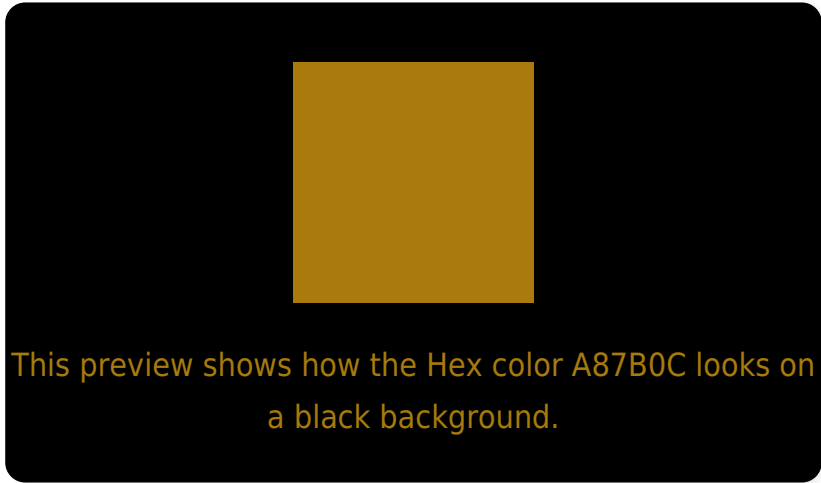
Large Text (above 18pt) WCAG AA ✓ Pass

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 A87B0C Background



This preview shows how black text looks on a background with the Hex color A87B0C.



This preview shows how white text looks on a background with the Hex color A87B0C.

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
A87B0C

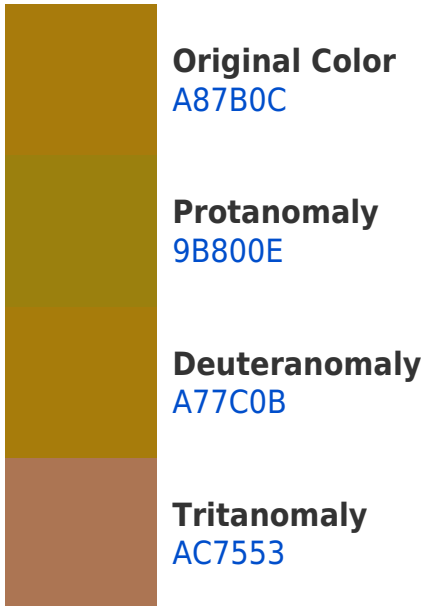
Protanopia
94830F

Deuteranopia
A67C0A



Tritanopia
AE727B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A87B0C 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 #A87B0C looks like.

```
.text, #text, p{  
    color:#A87B0C  
}
```

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 #A87B0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A87B0C
}
```

Border

The CSS property to change the border of an element to Hex A87B0C 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
#A87B0C }
```

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

```
.border{ border-color:#A87B0C }
```

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

Here you see how a box with a 4 pixel #A87B0C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A87B0C; -webkit-box-shadow:4px 4px  
4px 4px #A87B0C; box-shadow:4px 4px 4px  
4px #A87B0C }
```

Background

The CSS property to change the background color of an element to Hex A87B0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A87B0C }
```

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

```
.background{ background-color:#A87B0C }
```

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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