

Converting Colors

Hex(A87B39)

Have a look what the booklet for
Hex(A87B39) contains.

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Color

Hex(A87B39)

Conversions

Conversions Part 1

Format	Color
Hex	A87B39
RGB	168, 123, 57
RGB Percent	66%, 48%, 22%
CMY	0.3412, 0.5176, 0.7765
CMYK	0.00, 0.27, 0.66, 0.34
HSL	36°, 49%, 44%
HSV	36°, 66%, 66%
XYZ	23.9699, 22.7862, 7.0057
YIQ	128.9310, 48.0060, -10.9860

Conversions

Conversions Part 2

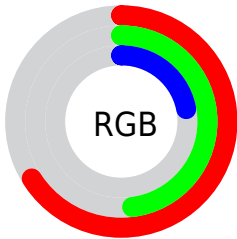
Format	Color
RYB	133, 168, 57
Decimal	11041593
CIELab	54.85, 10.50, 42.02
CIELCh	55, 43.308, 75.964
Yxy	22.7862, 0.4459, 0.4238
Android (android.graphics.Color)	4289231673 (0xFFA87B39)
YUV	128.9310, -35.4620, 34.2635
Hunter-Lab	47.7348, 6.0973, 24.7128

Details

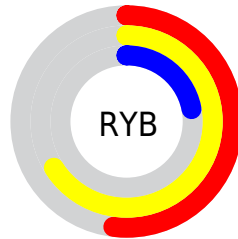
The Hex color **A87B39** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3966A8**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **E2AF6B**, and **704A05** is the 20% darker color. If you saturate the color by 10%, you get **A87428**, and if you desaturate by 10%, it is **A8824A**.

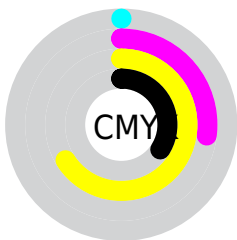
Distribution



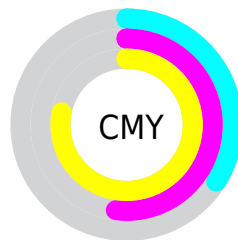
- Red (66%)
- Green (48%)
- Blue (22%)



- Red (52%)
- Yellow (66%)
- Blue (22%)



- Cyan (0%)
- Magenta (27%)
- Yellow (66%)
- Black (34%)



- Cyan (34%)
- Magenta (52%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color A87B39 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 A87B39 by changing the saturation by 10% instead.

 A87B39

 A87B39

FFFFFF

 8C6221

 E2AF6B

 704A05

 FFCB85

 563400

 FFE79F

 3B1F00

 FFFFBB

 230900

 FFFFD7

 000000

 FFFFF3

 A87B39

 A87B39

 A87428

 A8824A

 A86D17

 A8895B

 A86707

 A88F6B

 A86400

 A8967C

 A89D8D

 A8A49E

 A8ABAF

 A8B1BF

 A8B8D0

Harmonies

Analogous

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



C06D4F



A87B39



868738

Triad

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



A87B39



009697



A071B8

Complementary

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



A87B39



3966A8

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.



6880CB



A87B39



0094B8

Square

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



A87B39



119570



008CCC



C06696

Rectangle

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



A87B39



6A8E44



008CCC



9076C0

Sweetspot

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



A87B39



DBCAAF



A83967



6E6353



EDEDED



6E6E6E

Same Dimension

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



A87B39



DB952E



9FA839



54514C



945800



140C00

Inverse Universe

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



3966A8



2E74DB



4239A8



4C4F54



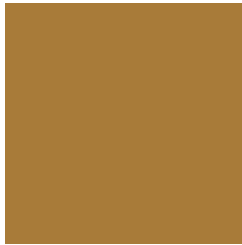
003C94



000814

Previews

White Background



This preview shows how the Hex color A87B39 looks on a white background.

Color Contrast Check

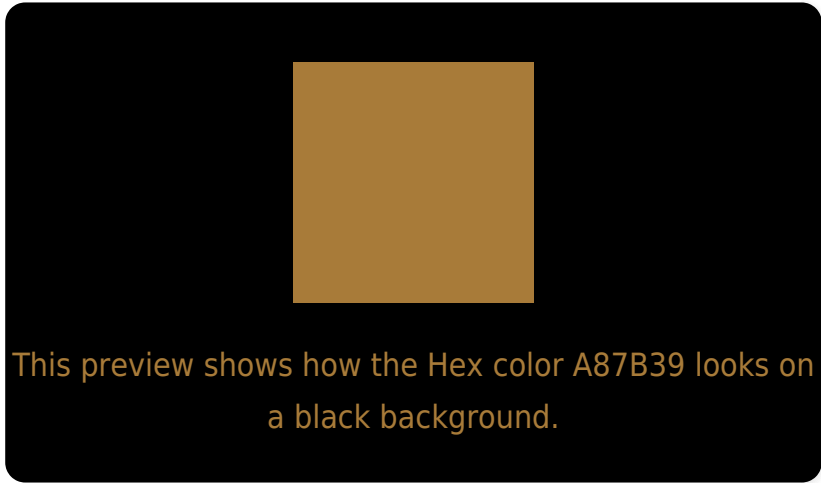
Large Text (above 18pt) WCAG AA ✓ Pass

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

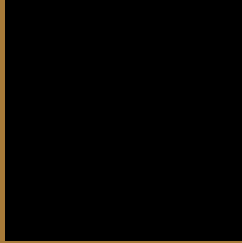
Any Text WCAG AA ✓ Pass

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 A87B39 Background



This preview shows how black text looks on a background with the Hex color A87B39.



This preview shows how white text looks on a background with the Hex color A87B39.

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
A87B39

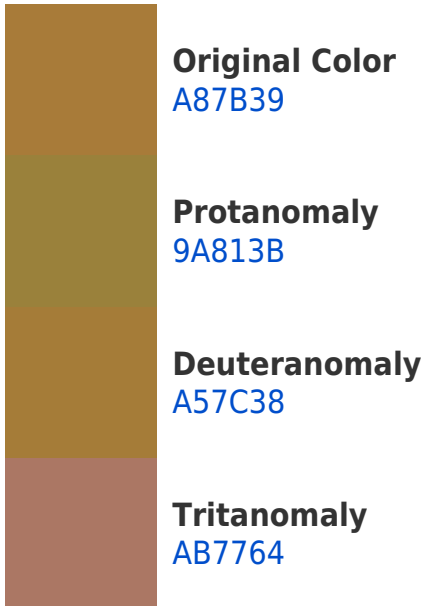
Protanopia
92843C

Deuteranopia
A37D38

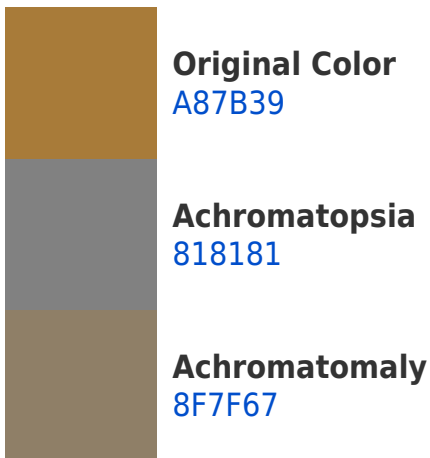


Tritanopia
AD747D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A87B39 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 #A87B39 looks like.

```
.text, #text, p{  
    color:#A87B39  
}
```

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 #A87B39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A87B39
}
```

Border

The CSS property to change the border of an element to Hex A87B39 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
#A87B39 }
```

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

```
.border{ border-color:#A87B39 }
```

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

Here you see how a box with a 4 pixel #A87B39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A87B39; -webkit-box-shadow:4px 4px  
4px 4px #A87B39; box-shadow:4px 4px 4px  
4px #A87B39 }
```

Background

The CSS property to change the background color of an element to Hex A87B39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A87B39 }
```

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

```
.background{ background-color:#A87B39 }
```

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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