

# Converting Colors

Hex(A87E2A)

Have a look what the booklet for  
Hex(A87E2A) contains.

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**Color**

**Hex(A87E2A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A87E2A
RGB	168, 126, 42
RGB Percent	66%, 49%, 16%
CMY	0.3412, 0.5059, 0.8353
CMYK	0.00, 0.25, 0.75, 0.34
HSL	40°, 60%, 41%
HSV	40°, 75%, 66%
XYZ	24.0272, 23.4137, 5.4434
YIQ	128.9820, 51.9960, -17.2200

# Conversions

## Conversions Part 2

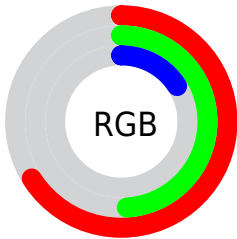
<b>Format</b>	<b>Color</b>
<b>RYB</b>	105, 168, 42
Decimal	11042346
CIELab	55.50, 7.98, 49.59
CIElCh	55, 50.229, 80.862
Yxy	23.4137, 0.4543, 0.4427
Android (android.graphics.Color)	4289232426 (0xFFA87E2A)
YUV	128.9820, -42.8821, 34.2188
Hunter-Lab	48.3877, 3.9568, 27.2015

# Details

The Hex color **A87E2A** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **2A54A8**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **E3B25D**, and **704D00** is the 20% darker color. If you saturate the color by 10%, you get **A87819**, and if you desaturate by 10%, it is **A8843B**.

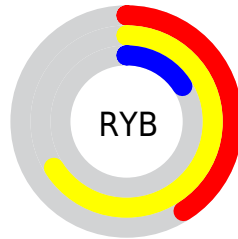
# Distribution



Red (66%)

Green (49%)

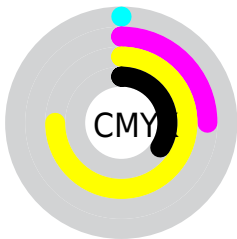
Blue (16%)



Red (41%)

Yellow (66%)

Blue (16%)

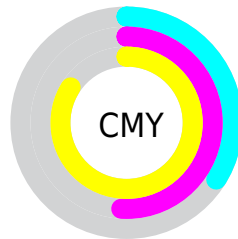


Cyan (0%)

Magenta (25%)

Yellow (75%)

Black (34%)



Cyan (34%)

Magenta (51%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A87E2A 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 A87E2A by changing the saturation by 10% instead.





A87E2A



A87E2A

FFFFFF



8C650D



E3B25D



704D00



FFCE77



553700



FFEA92



3A2200



FFFFAD



220D00



FFFFC9



000000



FFFFE5



A87E2A



A87E2A



A87819



A8843B

 A87308

 A8894C

 A87000

 A88F5C

 A8946D

 A89A7E

 A8A08F

 A8A5A0

 A8ABB0

 A8B0C1

# Harmonies

## Analogous

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



C66D42



A87E2A



7F8C2D

# Triad

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



A87E2A



009AA3



AD6DBC

# Complementary

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



A87E2A



2A54A8

# 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.



6F7FD7



A87E2A



0097C8

# Square

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



A87E2A



009976



008EDB



CE5F94

# Rectangle

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



A87E2A



5E923F



008EDB



9C73C7



# Sweetspot

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



A87E2A



DBCAA9



A82A54



6E634F



EDEDED



6E6E6E



# Same Dimension

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



A87E2A



DB9A16



93A82A



54514C



946300



140E00



# Inverse Universe

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



2A54A8



1658DB



3F2AA8



4C4F54



003194



000714



# Previews

## White Background



This preview shows how the Hex color A87E2A looks on a white background.

## Color Contrast Check

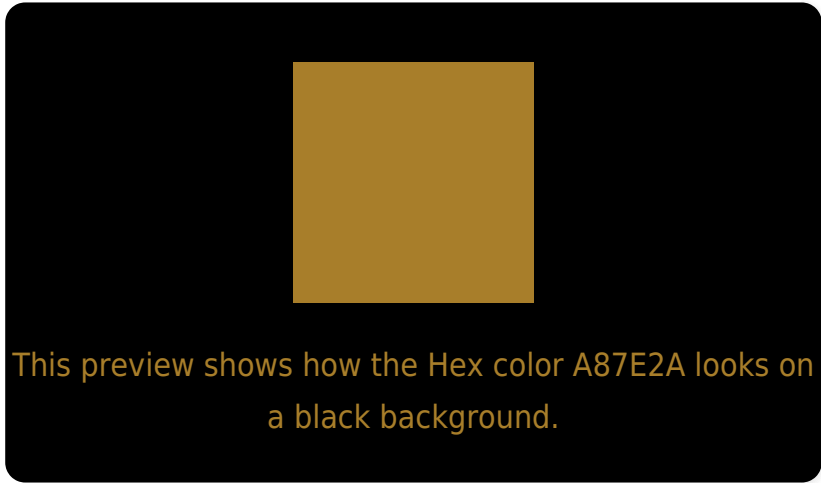
Large Text (above 18pt) WCAG AA ✓ Pass

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

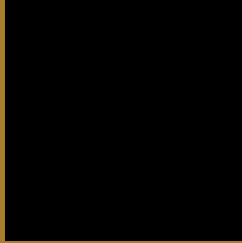
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A87E2A Background



This preview shows how black text looks on a background with the Hex color A87E2A.



This preview shows how white text looks on a background with the Hex color A87E2A.

# 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**  
A87E2A

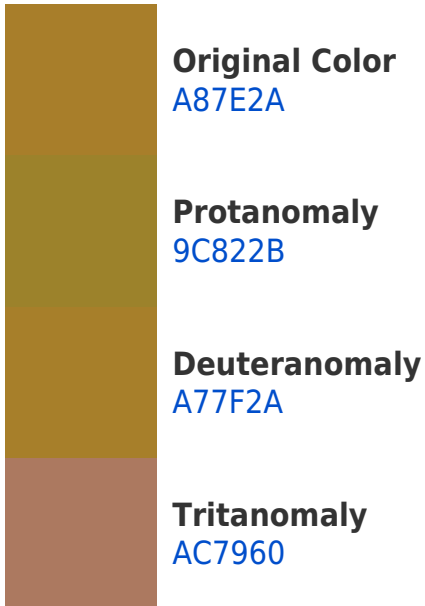
**Protanopia**  
95852C

**Deuteranopia**  
A77F2A

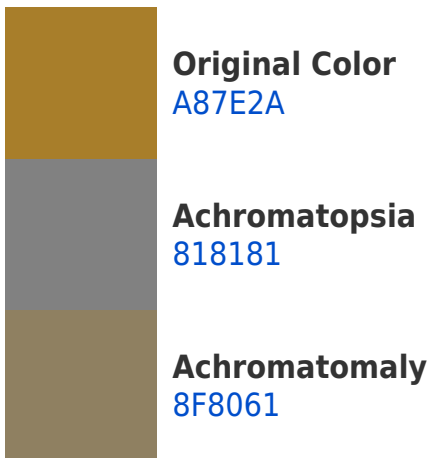


**Tritanopia**  
AE767F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A87E2A 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 #A87E2A looks like.

```
.text, #text, p{  
    color:#A87E2A  
}
```

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 #A87E2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A87E2A
}
```

## Border

The CSS property to change the border of an element to Hex A87E2A 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
#A87E2A }
```

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

```
.border{ border-color:#A87E2A }
```

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

Here you see how a box with a 4 pixel #A87E2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A87E2A; -webkit-box-shadow:4px 4px  
4px 4px #A87E2A; box-shadow:4px 4px 4px  
4px #A87E2A }
```

# Background

The CSS property to change the background color of an element to Hex A87E2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A87E2A }
```

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

```
.background{ background-color:#A87E2A }
```

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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