

Converting Colors

Hex(A87D3F)

Have a look what the booklet for
Hex(A87D3F) contains.

Hex(A87D3F)	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(A87D3F)

Conversions

Conversions Part 1

Format	Color
Hex	A87D3F
RGB	168, 125, 63
RGB Percent	66%, 49%, 25%
CMY	0.3412, 0.5098, 0.7529
CMYK	0.00, 0.26, 0.62, 0.34
HSL	35°, 45%, 45%
HSV	35°, 62%, 66%
XYZ	24.3793, 23.3509, 7.9249
YIQ	130.7890, 45.5300, -10.1660

Conversions

Conversions Part 2

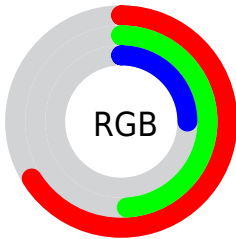
Format	Color
R_{YB}	136, 168, 63
Decimal	11042111
CIE _{Lab}	55.43, 9.79, 39.65
CIE _{LCh}	55, 40.845, 76.133
Yxy	23.3509, 0.4380, 0.4196
Android (android.graphics.Color)	4289232191 (0xFFA87D3F)
YUV	130.7890, -33.4200, 32.6340
Hunter-Lab	48.3228, 5.4898, 24.1025

Details

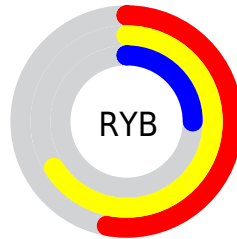
The Hex color **A87D3F** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3F6AA8**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **E2B271**, and **714C0E** is the 20% darker color. If you saturate the color by 10%, you get **A8762E**, and if you desaturate by 10%, it is **A88450**.

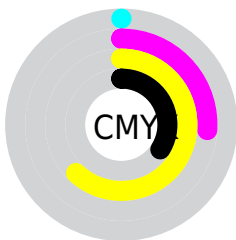
Distribution



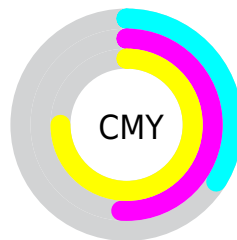
- Red (66%)
- Green (49%)
- Blue (25%)



- Red (53%)
- Yellow (66%)
- Blue (25%)



- Cyan (0%)
- Magenta (26%)
- Yellow (62%)
- Black (34%)



- Cyan (34%)
- Magenta (51%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color A87D3F 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 A87D3F by changing the saturation by 10% instead.

 A87D3F

 A87D3F

FFFFFF

 8C6427

 E2B271

 714C0E

 FFCD8B

 563600

 FFE9A6

 3C2000

 FFFFC1

 230B00

 FFFFDD

 000000

 FFFFFA

 A87D3F

 A87D3F

 A8762E

 A88450

 A86F1D

 A88B61

 A8680D

 A89271

 A86300

 A89982

 A89F93

 A8A6A4

 A8ADB5

 A8B4C5

 A8BBD6

Harmonies

Analogous

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



BF7053



A87D3F



87893E

Triad

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



A87D3F



009797



A074B6

Complementary

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



A87D3F



3F6AA8

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.



6D82C9



A87D3F



0094B7

Square

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



A87D3F



249673



038DC9



BE6997

Rectangle

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



A87D3F



6E8F49



038DC9



9179BE

Sweetspot

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



A87D3F



DBCAB2



A83F6B



6E6354



EDEDED



6E6E6E

Same Dimension

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



A87D3F



DB9837



9FA83F



54514C



945700



140C00

Inverse Universe

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



3F6AA8



377ADB



483FA8



4C4F54



003D94



000814

Previews

White Background



This preview shows how the Hex color A87D3F 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

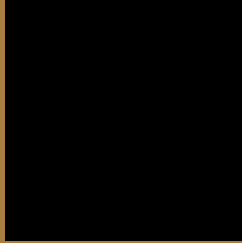
Any Text WCAG AA ✓ Pass

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 A87D3F Background



This preview shows how black text looks on a background with the Hex color A87D3F.



This preview shows how white text looks on a background with the Hex color A87D3F.

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
A87D3F

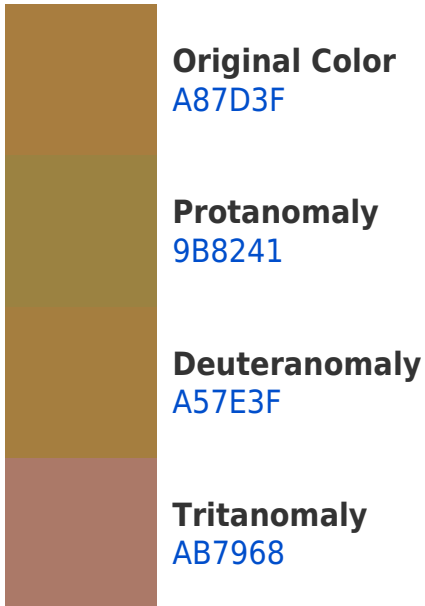
Protanopia
938542

Deuteranopia
A47F3F

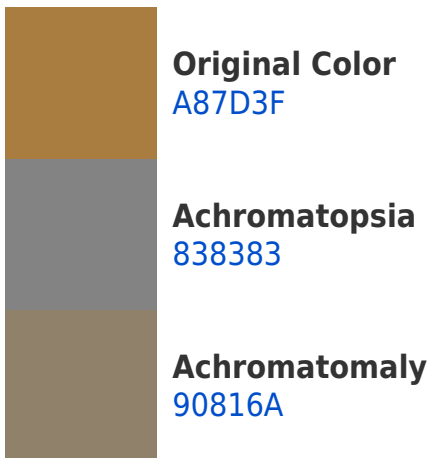


Tritanopia
AD767F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A87D3F 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 #A87D3F looks like.

```
.text, #text, p{  
    color:#A87D3F  
}
```

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 #A87D3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A87D3F
}
```

Border

The CSS property to change the border of an element to Hex A87D3F 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
#A87D3F }
```

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

```
.border{ border-color:#A87D3F }
```

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

Here you see how a box with a 4 pixel #A87D3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A87D3F; -webkit-box-shadow:4px 4px  
4px 4px #A87D3F; box-shadow:4px 4px 4px  
4px #A87D3F }
```

Background

The CSS property to change the background color of an element to Hex A87D3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A87D3F }
```

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

```
.background{ background-color:#A87D3F }
```

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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