

Converting Colors

Hex(A87F22)

Have a look what the booklet for
Hex(A87F22) contains.

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Color

Hex(A87F22)

Conversions

Conversions Part 1

Format	Color
Hex	A87F22
RGB	168, 127, 34
RGB Percent	66%, 50%, 13%
CMY	0.3412, 0.5020, 0.8667
CMYK	0.00, 0.24, 0.80, 0.34
HSL	42°, 66%, 40%
HSV	42°, 80%, 66%
XYZ	24.0266, 23.6191, 4.8060
YIQ	128.6570, 54.2890, -20.2310

Conversions

Conversions Part 2

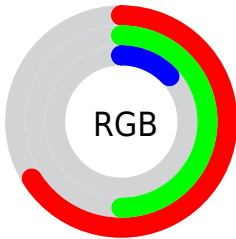
Format	Color
RYB	93, 168, 34
Decimal	11042594
CIELab	55.70, 7.08, 52.95
CIELCh	56, 53.418, 82.388
Yxy	23.6191, 0.4581, 0.4503
Android (android.graphics.Color)	4289232674 (0xFFA87F22)
YUV	128.6570, -46.6659, 34.5038
Hunter-Lab	48.5995, 3.1976, 28.1565

Details

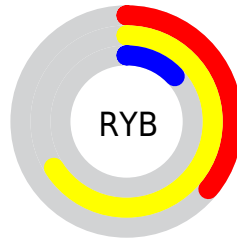
The Hex color **A87F22** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **224BA8**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **E3B356**, and **6F4E00** is the 20% darker color. If you saturate the color by 10%, you get **A87A11**, and if you desaturate by 10%, it is **A88433**.

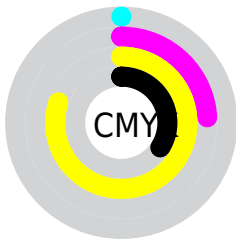
Distribution



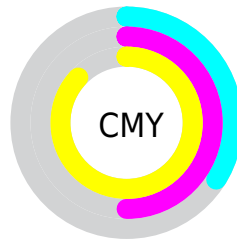
- Red (66%)
- Green (50%)
- Blue (13%)



- Red (36%)
- Yellow (66%)
- Blue (13%)



- Cyan (0%)
- Magenta (24%)
- Yellow (80%)
- Black (34%)



- Cyan (34%)
- Magenta (50%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color A87F22 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 A87F22 by changing the saturation by 10% instead.



A87F22



A87F22

FFFFFF



8B6600



E3B356



6F4E00



FFCF71



543800



FFEB8B



3A2300



FFFFA6



210E00



FFFFC2



000000



FFFFDF



FFFFFC



A87F22



A87F22

■ A87A11

■ A88433

■ A87500

■ A88944

■ A88E54

■ A89465

■ A89976

■ A89E87

■ A8A398

■ A8A8A8

■ A8ADB9

Harmonies

Analogous

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



C96D3D



A87F22



7C8D28

Triad

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



A87F22



009CA7



B26ABF

Complementary

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



A87F22



224BA8

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.



717EDC



A87F22



0098CE

Square

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



A87F22



009B78



008EE1



D35C93

Rectangle

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



A87F22



58943D



008EE1



A171CA

Sweetspot

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



A87F22



DBCBA7



A8224C



6E644E



EDEDED



6E6E6E

Same Dimension

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



A87F22



DB9B09



8FA822



54524C



946700



140E00

Inverse Universe

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



224BA8



0949DB



3B22A8



4C4E54



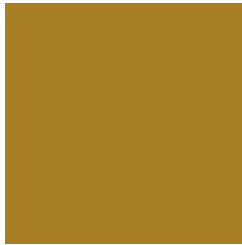
002D94



000614

Previews

White Background



This preview shows how the Hex color A87F22 looks on a white background.

Color Contrast Check

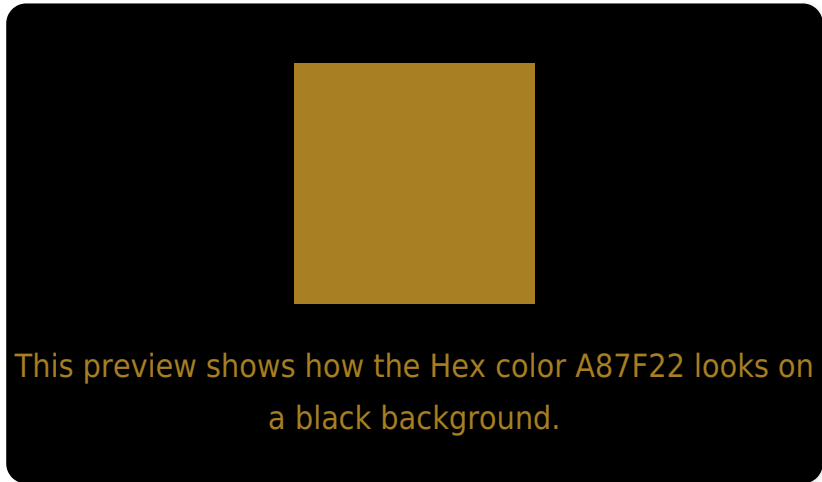
Large Text (above 18pt) WCAG AA ✓ Pass

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 A87F22 Background



This preview shows how black text looks on a background with the Hex color A87F22.



This preview shows how white text looks on a background with the Hex color A87F22.

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
A87F22

Protanopia
968624

Deuteranopia
A87F22

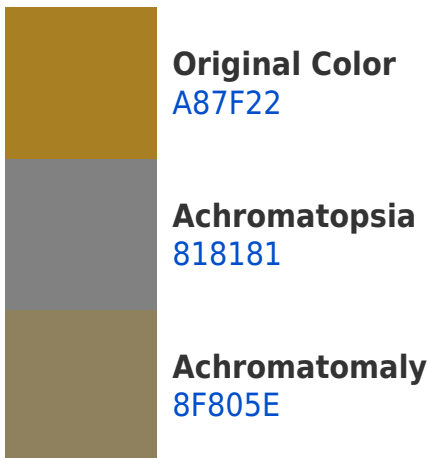


Tritanopia
AE767F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A87F22 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 #A87F22 looks like.

```
.text, #text, p{  
    color:#A87F22  
}
```

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 #A87F22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A87F22  
}
```

Border

The CSS property to change the border of an element to Hex A87F22 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  
#A87F22 }
```

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

```
.border{ border-color:#A87F22 }
```

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

Here you see how a box with a 4 pixel #A87F22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A87F22; -webkit-box-shadow:4px 4px  
4px 4px #A87F22; box-shadow:4px 4px 4px  
4px #A87F22 }
```

Background

The CSS property to change the background color of an element to Hex A87F22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A87F22 }
```

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

```
.background{ background-color:#A87F22 }
```

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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