

Converting Colors

Hex(A7842A)

Have a look what the booklet for
Hex(A7842A) contains.

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Color

Hex(A7842A)

Conversions

Conversions Part 1

Format	Color
Hex	A7842A
RGB	167, 132, 42
RGB Percent	65%, 52%, 16%
CMY	0.3451, 0.4824, 0.8353
CMYK	0.00, 0.21, 0.75, 0.35
HSL	43°, 60%, 41%
HSV	43°, 75%, 65%
XYZ	24.6055, 24.8852, 5.6970
YIQ	132.2050, 49.7500, -20.5700

Conversions

Conversions Part 2

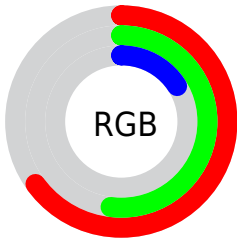
Format	Color
RYB	91, 167, 42
Decimal	10978346
CIELab	56.96, 4.17, 51.00
CIELCh	57, 51.165, 85.327
Yxy	24.8852, 0.4459, 0.4509
Android (android.graphics.Color)	4289168426 (0xFFA7842A)
YUV	132.2050, -44.4711, 30.5152
Hunter-Lab	49.8851, 0.7453, 28.1485

Details

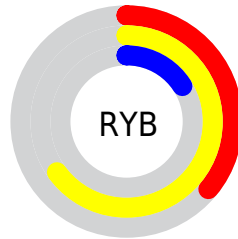
The Hex color **A7842A** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **2A4DA7**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **E1B95E**, and **6F5300** is the 20% darker color. If you saturate the color by 10%, you get **A77F19**, and if you desaturate by 10%, it is **A7893B**.

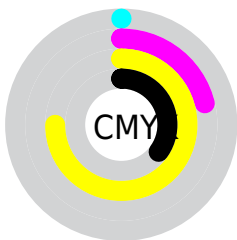
Distribution



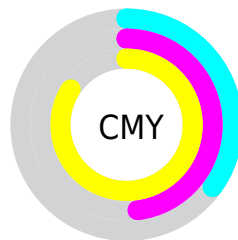
- Red (65%)
- Green (52%)
- Blue (16%)



- Red (36%)
- Yellow (65%)
- Blue (16%)



- Cyan (0%)
- Magenta (21%)
- Yellow (75%)
- Black (35%)



- Cyan (35%)
- Magenta (48%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color A7842A 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 A7842A by changing the saturation by 10% instead.

 A7842A

 A7842A

FFFFFF

 8B6B0C

 E1B95E

 6F5300

 FFD478

 543C00

 FFF192

 3A2700

 FFFF4E

 211300

 FFFFC4

 000000

 FFFF66

 A7842A

 A7842A

 A77F19

 A7893B

 A77B09

 A78D4B

 A77800

 A7925C

 A7976D

 A79B7D

 A7A08E

 A7A59F

 A7A9B0

 A7AEC0

Harmonies

Analogous

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



C87340



A7842A



7C9132

Triad

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



A7842A



009EAE



B96DBC

Complementary

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



A7842A



2A4DA7

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.



7E80DA



A7842A



009AD1

Square

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



A7842A



009E80



0090E2



D66192

Rectangle

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



A7842A



589847



0090E2



A973C8

Sweetspot

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



A7842A



D9CBA9



A72A4D



6E6651



EDEDED



6E6E6E

Same Dimension

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



A7842A



D9A216



8CA72A



54524C



946A00



140F00

Inverse Universe

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



2A4DA7



164CD9



452AA7



4C4E54



002994



000614

Previews

White Background



This preview shows how the Hex color A7842A looks on a white background.

Color Contrast Check

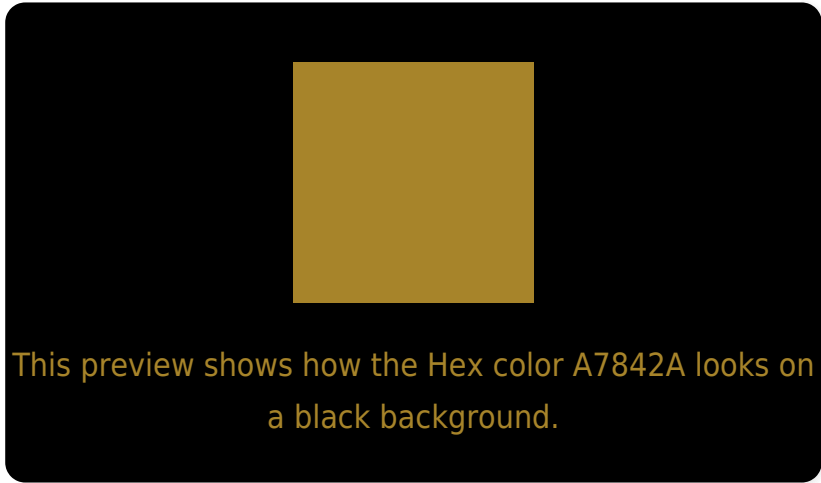
Large Text (above 18pt) WCAG AA ✓ Pass

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 A7842A Background



This preview shows how black text looks on a background with the Hex color A7842A.



This preview shows how white text looks on a background with the Hex color A7842A.

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
A7842A

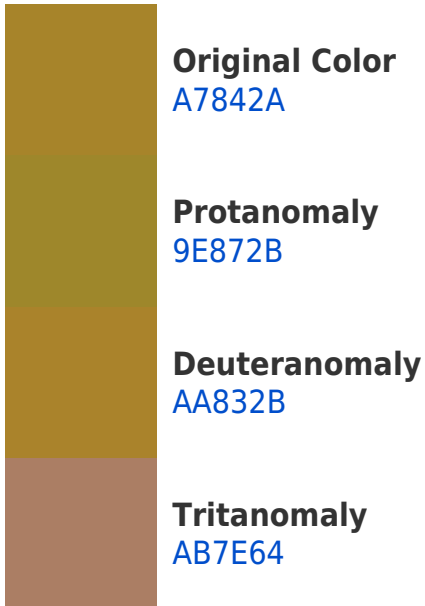
Protanopia
99892B

Deuteranopia
AC822B

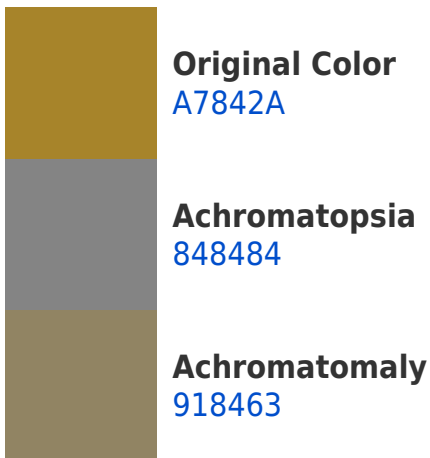


Tritanopia
AD7B85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A7842A 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 #A7842A looks like.

```
.text, #text, p{  
    color:#A7842A  
}
```

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 #A7842A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7842A
}
```

Border

The CSS property to change the border of an element to Hex A7842A 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
#A7842A }
```

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

```
.border{ border-color:#A7842A }
```

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

Here you see how a box with a 4 pixel #A7842A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7842A; -webkit-box-shadow:4px 4px  
4px 4px #A7842A; box-shadow:4px 4px 4px  
4px #A7842A }
```

Background

The CSS property to change the background color of an element to Hex A7842A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7842A }
```

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

```
.background{ background-color:#A7842A }
```

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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