

Converting Colors

Hex(A7AA37)

Have a look what the booklet for
Hex(A7AA37) contains.

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Color

Hex(A7AA37)

Conversions

Conversions Part 1

Format	Color
Hex	A7AA37
RGB	167, 170, 55
RGB Percent	65%, 67%, 22%
CMY	0.3451, 0.3333, 0.7843
CMYK	0.02, 0.00, 0.68, 0.33
HSL	62°, 51%, 44%
HSV	62°, 68%, 67%
XYZ	31.0007, 37.2408, 9.1687
YIQ	155.9930, 35.1270, -36.4010

Conversions

Conversions Part 2

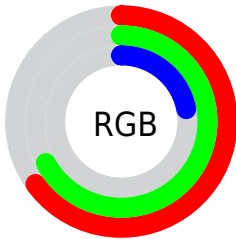
Format	Color
RYB	55, 170, 58
Decimal	10988087
CIELab	67.46, -15.55, 56.23
CIELCh	67, 58.341, 105.462
Yxy	37.2408, 0.4005, 0.4811
Android (android.graphics.Color)	4289178167 (0xFFA7AA37)
YUV	155.9930, -49.7895, 9.6531
Hunter-Lab	61.0252, -16.1166, 33.8097

Details

The Hex color **A7AA37** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3A37AA**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **E1E16C**, and **707600** is the 20% darker color. If you saturate the color by 10%, you get **A7AA26**, and if you desaturate by 10%, it is **A7AA48**.

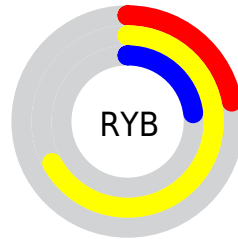
Distribution



Red (65%)

Green (67%)

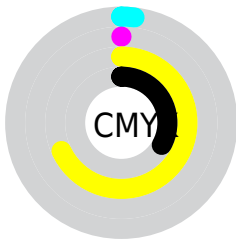
Blue (22%)



Red (22%)

Yellow (67%)

Blue (23%)

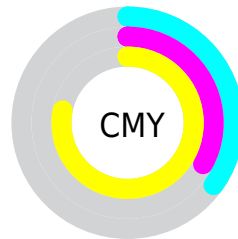


Cyan (2%)

Magenta (0%)

Yellow (68%)

Black (33%)



Cyan (35%)

Magenta (33%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color A7AA37 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 A7AA37 by changing the saturation by 10% instead.



A7AA37



A7AA37

FFFFFF



8B9019



E1E16C



707600



FEFE87



555E00



FFFFA3



3B4600



FFFFBF



213000



FFFADB



011C00



FFFFF9



000000



A7AA37



A7AA37



A7AA26



A7AA48

■ A6AA15

■ A8AA59

■ A6AA04

■ A8AA6A

■ A6AA00

■ A9AA7B

■ A9AA8C

■ AAAA9D

■ AAAAAE

■ ABAABF

■ ABAAD0

Harmonies

Analogous

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



D6983A



A7AA37



6BB657

Triad

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



A7AA37



00BBEE



F779C0

Complementary

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



A7AA37



3A37AA

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.



CA8BEF



A7AA37



00B1FF

Square

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



A7AA37



00BEBF



77A1FF



FF768B

Rectangle

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



A7AA37



29BB76



77A1FF



EC7ED1

Sweetspot

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



A7AA37



DDDEB1



AA3937



6F7055



F0F0F0



707070

Same Dimension

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



A7AA37



D9DE2A



6FAA37



54544C



909400



141400

Inverse Universe

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



3A37AA



2F2ADE



7237AA



4C4C54



040094



010014

Previews

White Background



This preview shows how the Hex color A7AA37 looks on a white background.

Color Contrast Check

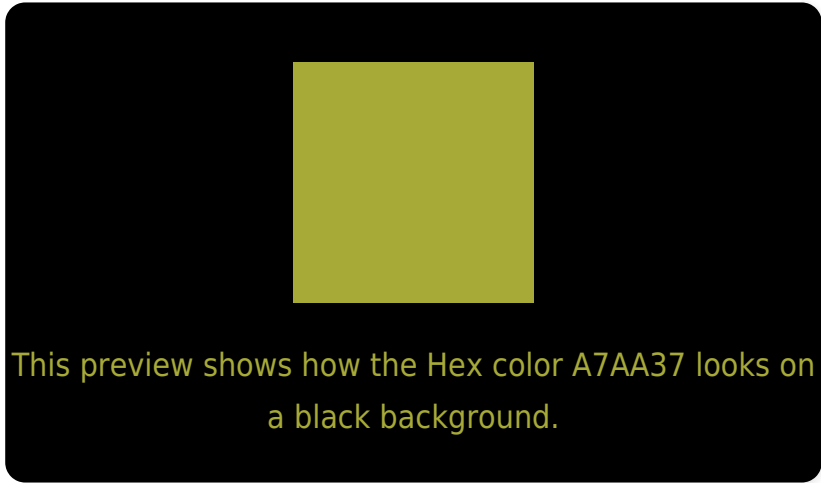
Large Text (above 18pt) WCAG AA × Fail

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

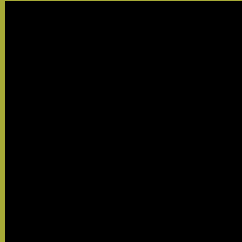
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex A7AA37 Background



This preview shows how black text looks on a background with the Hex color A7AA37.



This preview shows how white text looks on a background with the Hex color A7AA37.

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
A7AA37

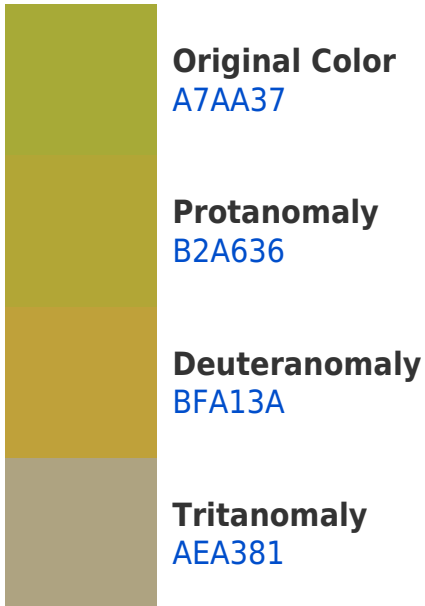
Protanopia
B8A436

Deuteranopia
CD9C3C



Tritanopia
B29FAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A7AA37 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 #A7AA37 looks like.

```
.text, #text, p{  
    color:#A7AA37  
}
```

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 #A7AA37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7AA37  
}
```

Border

The CSS property to change the border of an element to Hex A7AA37 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  
#A7AA37 }
```

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

```
.border{ border-color:#A7AA37 }
```

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

Here you see how a box with a 4 pixel #A7AA37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7AA37; -webkit-box-shadow:4px 4px  
4px 4px #A7AA37; box-shadow:4px 4px 4px  
4px #A7AA37 }
```

Background

The CSS property to change the background color of an element to Hex A7AA37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7AA37 }
```

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

```
.background{ background-color:#A7AA37 }
```

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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