

Converting Colors

Hex(A7A33B)

Have a look what the booklet for
Hex(A7A33B) contains.

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Color

Hex(A7A33B)

Conversions

Conversions Part 1

Format	Color
Hex	A7A33B
RGB	167, 163, 59
RGB Percent	65%, 64%, 23%
CMY	0.3451, 0.3608, 0.7686
CMYK	0.00, 0.02, 0.65, 0.35
HSL	58°, 48%, 44%
HSV	58°, 65%, 65%
XYZ	29.8230, 34.7256, 9.2686
YIQ	152.3400, 35.7680, -31.4960

Conversions

Conversions Part 2

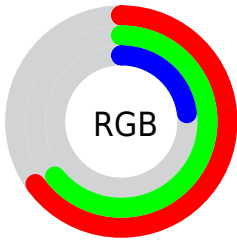
Format	Color
RYB	63, 167, 59
Decimal	10986299
CIELab	65.53, -11.68, 52.60
CIELCh	66, 53.879, 102.521
Yxy	34.7256, 0.4040, 0.4704
Android (android.graphics.Color)	4289176379 (0xFFA7A33B)
YUV	152.3400, -46.0166, 12.8568
Hunter-Lab	58.9285, -12.7882, 31.9245

Details

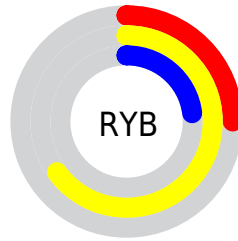
The Hex color **A7A33B** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3B3FA7**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **E0DA6F**, and **707000** is the 20% darker color. If you saturate the color by 10%, you get **A7A22A**, and if you desaturate by 10%, it is **A7A44C**.

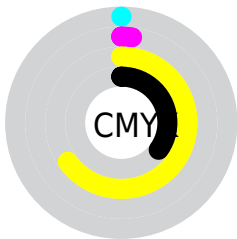
Distribution



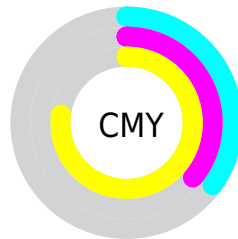
- Red (65%)
- Green (64%)
- Blue (23%)



- Red (25%)
- Yellow (65%)
- Blue (23%)



- Cyan (0%)
- Magenta (2%)
- Yellow (65%)
- Black (35%)



- Cyan (35%)
- Magenta (36%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color A7A33B 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 A7A33B by changing the saturation by 10% instead.

 A7A33B

 A7A33B

FFFFFF

 8B8920

 E0DA6F

 707000

 FEF68A

 555700

 FFFFA5

 3C4000

 FFFFC1

 222A00

 FFFFDE

 011700

 FFFFFB

 000000

 A7A33B

 A7A33B

 A7A22A

 A7A44C

 A7A21A

 A7A45C

 A7A109

 A7A56D

 A7A100

 A7A57E

 A7A68E

 A7A79F

 A7A7B0

 A7A8C1

 A7A9D1

Harmonies

Analogous

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



D29241



A7A33B



72AF55

Triad

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



A7A33B



00B5DF



E979BD

Complementary

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



A7A33B



3B3FA7

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.



BD8AE7



A7A33B



00ACFB

Square

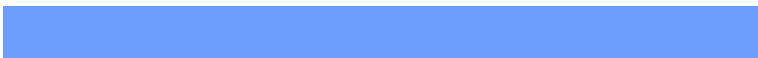
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



A7A33B



00B7B3



6E9DFD



F9758D

Rectangle

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



A7A33B



40B471



6E9DFD



DE7ECD

Sweetspot

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



A7A33B



D9D7B0



A73B40



6E6D54



EDEDED



6E6E6E

Same Dimension

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



A7A33B



D9D230



76A73B



54544C



948E00



141400

Inverse Universe

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



3B3FA7



3036D9



6C3BA7



4C4C54



000594



000114

Previews

White Background



This preview shows how the Hex color A7A33B looks on a white background.

Color Contrast Check

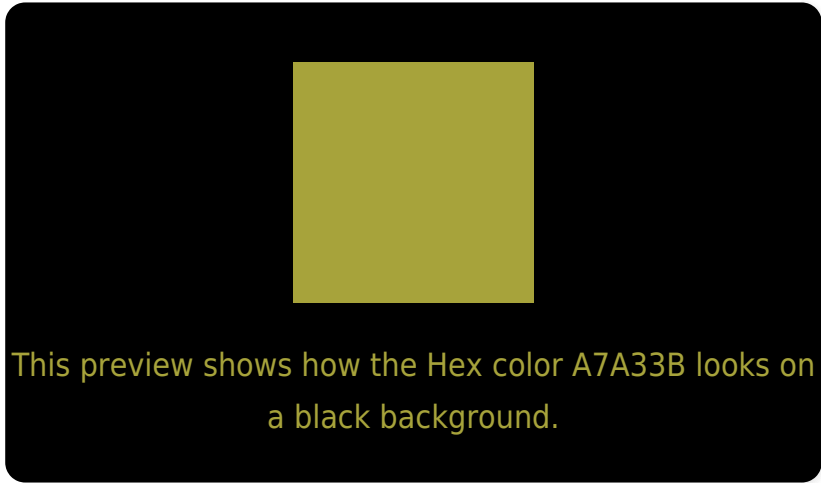
Large Text (above 18pt) WCAG AA × Fail

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 A7A33B Background



This preview shows how black text looks on a background with the Hex color A7A33B.



This preview shows how white text looks on a background with the Hex color A7A33B.

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
A7A33B

Protanopia
B29F3A

Deuteranopia
C6973F



Tritanopia
B199A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A7A33B 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 #A7A33B looks like.

```
.text, #text, p{  
    color:#A7A33B  
}
```

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 #A7A33B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7A33B
}
```

Border

The CSS property to change the border of an element to Hex A7A33B 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
#A7A33B }
```

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

```
.border{ border-color:#A7A33B }
```

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

Here you see how a box with a 4 pixel #A7A33B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7A33B; -webkit-box-shadow:4px 4px  
4px 4px #A7A33B; box-shadow:4px 4px 4px  
4px #A7A33B }
```

Background

The CSS property to change the background color of an element to Hex A7A33B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7A33B }
```

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

```
.background{ background-color:#A7A33B }
```

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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