

Converting Colors

Hex(A7833B)

Have a look what the booklet for
Hex(A7833B) contains.

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Color

Hex(A7833B)

Conversions

Conversions Part 1

Format	Color
Hex	A7833B
RGB	167, 131, 59
RGB Percent	65%, 51%, 23%
CMY	0.3451, 0.4863, 0.7686
CMYK	0.00, 0.22, 0.65, 0.35
HSL	40°, 48%, 44%
HSV	40°, 65%, 65%
XYZ	24.8421, 24.7639, 7.6083
YIQ	133.5560, 44.5680, -14.7600

Conversions

Conversions Part 2

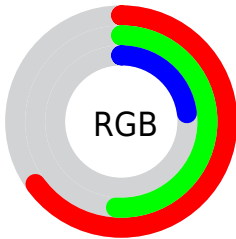
Format	Color
RYB	113, 167, 59
Decimal	10978107
CIELab	56.84, 5.70, 43.22
CIELCh	57, 43.591, 82.489
Yxy	24.7639, 0.4342, 0.4328
Android (android.graphics.Color)	4289168187 (0xFFA7833B)
YUV	133.5560, -36.7561, 29.3304
Hunter-Lab	49.7633, 2.0223, 25.7695

Details

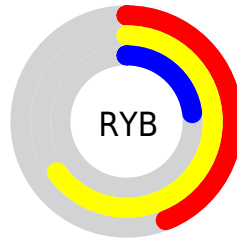
The Hex color **A7833B** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3B5FA7**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **E1B86D**, and **705206** is the 20% darker color. If you saturate the color by 10%, you get **A77D2A**, and if you desaturate by 10%, it is **A7894C**.

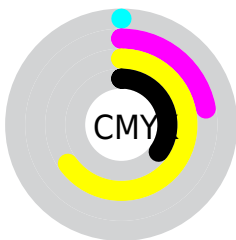
Distribution



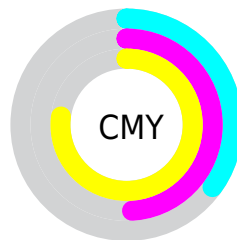
- Red (65%)
- Green (51%)
- Blue (23%)



- Red (44%)
- Yellow (65%)
- Blue (23%)



- Cyan (0%)
- Magenta (22%)
- Yellow (65%)
- Black (35%)



- Cyan (35%)
- Magenta (49%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color A7833B 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 A7833B by changing the saturation by 10% instead.



A7833B



A7833B

FFFFFF



8B6A22



E1B86D



705206



FED387



553B00



FFF0A2



3B2600



FFFFBE



221200



FFFFDA



000000



FFFFF6



A7833B



A7833B



A77D2A



A7894C

 A7781A

 A78E5C

 A77209

 A7946D

 A76F00

 A7997E

 A79F8E

 A7A49F

 A7AAB0

 A7B0C1

 A7B5D1

Harmonies

Analogous

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



C2754D



A7833B



828F3F

Triad

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



A7833B



009BA4



AE73B7

Complementary

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



A7833B



3B5FA7

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.



7C82CF



A7833B



0098C4

Square

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



A7833B



009B7D



218FD3



CA6994

Rectangle

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



A7833B



66954E



218FD3



A078C1

Sweetspot

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



A7833B



D9CBB0



A73B5F



6E6554



EDEDED



6E6E6E

Same Dimension

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



A7833B



D9A030



95A73B



54514C



946300



140E00

Inverse Universe

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



3B5FA7



3068D9



4D3BA7



4C4F54



003194



000714

Previews

White Background



This preview shows how the Hex color A7833B 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 A7833B Background



This preview shows how black text looks on a background with the Hex color A7833B.



This preview shows how white text looks on a background with the Hex color A7833B.

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
A7833B

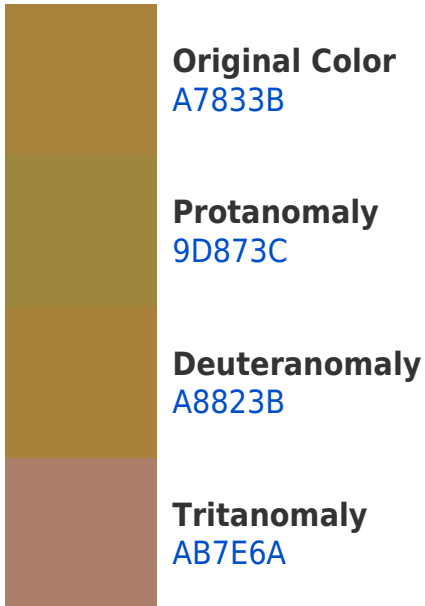
Protanopia
98893D

Deuteranopia
A9823B

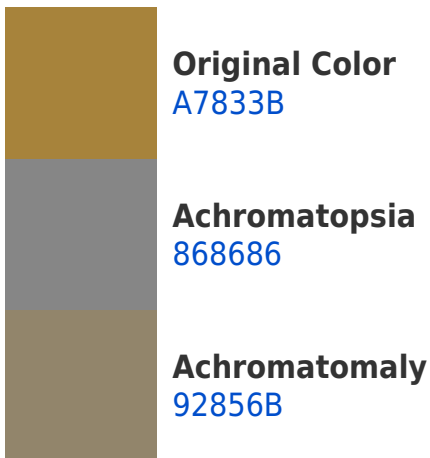


Tritanopia
AD7B85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A7833B 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 #A7833B looks like.

```
.text, #text, p{  
    color:#A7833B  
}
```

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 #A7833B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7833B
}
```

Border

The CSS property to change the border of an element to Hex A7833B 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
#A7833B }
```

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

```
.border{ border-color:#A7833B }
```

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

Here you see how a box with a 4 pixel #A7833B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7833B; -webkit-box-shadow:4px 4px  
4px 4px #A7833B; box-shadow:4px 4px 4px  
4px #A7833B }
```

Background

The CSS property to change the background color of an element to Hex A7833B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7833B }
```

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

```
.background{ background-color:#A7833B }
```

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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