

Converting Colors

Hex(AB993B)

Have a look what the booklet for
Hex(AB993B) contains.

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Color

Hex(AB993B)

Conversions

Conversions Part 1

Format	Color
Hex	AB993B
RGB	171, 153, 59
RGB Percent	67%, 60%, 23%
CMY	0.3294, 0.4000, 0.7686
CMYK	0.00, 0.11, 0.65, 0.33
HSL	50°, 49%, 45%
HSV	50°, 65%, 67%
XYZ	28.9752, 31.7562, 8.7401
YIQ	147.6660, 40.9020, -25.4180

Conversions

Conversions Part 2

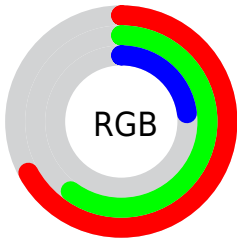
Format	Color
RYB	80, 171, 59
Decimal	11245883
CIELab	63.14, -4.61, 50.18
CIElCh	63, 50.387, 95.253
Yxy	31.7562, 0.4171, 0.4571
Android (android.graphics.Color)	4289435963 (0xFFAB993B)
YUV	147.6660, -43.7123, 20.4639
Hunter-Lab	56.3526, -6.8364, 30.2512

Details

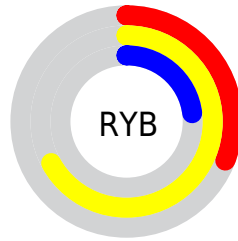
The Hex color **AB993B** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3B4DAB**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **E5CF6F**, and **746600** is the 20% darker color. If you saturate the color by 10%, you get **AB962A**, and if you desaturate by 10%, it is **AB9C4C**.

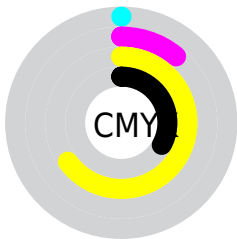
Distribution



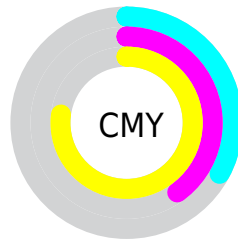
- Red (67%)
- Green (60%)
- Blue (23%)



- Red (31%)
- Yellow (67%)
- Blue (23%)



- Cyan (0%)
- Magenta (11%)
- Yellow (65%)
- Black (33%)



- Cyan (33%)
- Magenta (40%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB993B 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 AB993B by changing the saturation by 10% instead.

 AB993B

 AB993B

FFFFFF

 8F7F21

 E5CF6F

 746600

 FFE889

 594F00

 FFFFA4

 3F3800

 FFFFC0

 262300

 FFFFDD

 060E00

 FFFFFA

 000000

 AB993B

 AB993B

 AB962A

 AB9C4C

 AB9419

 AB9E5D

 AB9108

 ABA16E

 AB9000

 ABA47F

 ABA790

 ABA9A2

 ABACB3

 ABAFC4

 ABB2D5

Harmonies

Analogous

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



D08947



AB993B



7CA54C

Triad

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



AB993B



00AECB



D679BF

Complementary

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



AB993B



3B4DAB

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.



A68AE2



AB993B



00A7EA

Square

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



AB993B



00AFA0



549BF2



EB7293

Rectangle

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



AB993B



55AA64



549BF2



C97ECC

Sweetspot

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



AB993B



DED7B1



AB3B4E



706C55



F0F0F0



707070

Same Dimension

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



AB993B



DEC22F



86AB3B



57554E



967E00



171300

Inverse Universe

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



3B4DAB



2F4BDE



603BAB



4E4F57



001896



000417

Previews

White Background



This preview shows how the Hex color AB993B looks on a white background.

Color Contrast Check

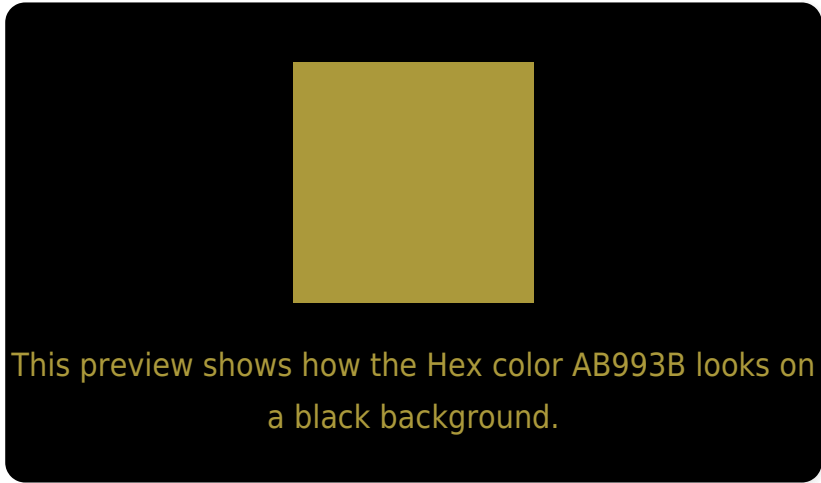
Large Text (above 18pt) WCAG AA × Fail

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

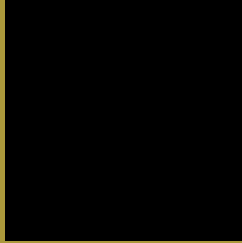
Any Text WCAG AA ✓ Pass

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 AB993B Background



This preview shows how black text looks on a background with the Hex color AB993B.



This preview shows how white text looks on a background with the Hex color AB993B.

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
AB993B

Protanopia
AB993B

Deuteranopia
BE913D

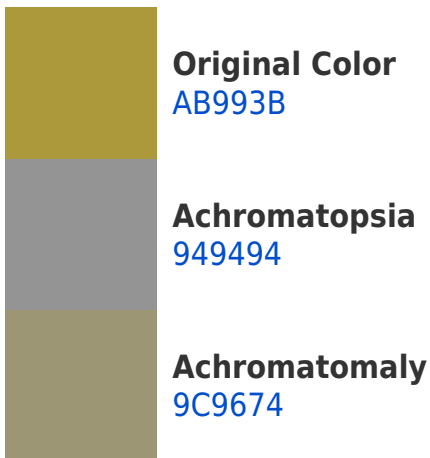


Tritanopia
B38F9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AB993B 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 #AB993B looks like.

```
.text, #text, p{  
    color:#AB993B  
}
```

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 #AB993B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB993B
}
```

Border

The CSS property to change the border of an element to Hex AB993B 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
#AB993B }
```

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

```
.border{ border-color:#AB993B }
```

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

Here you see how a box with a 4 pixel #AB993B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB993B; -webkit-box-shadow:4px 4px  
4px 4px #AB993B; box-shadow:4px 4px 4px  
4px #AB993B }
```

Background

The CSS property to change the background color of an element to Hex AB993B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB993B }
```

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

```
.background{ background-color:#AB993B }
```

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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