

Converting Colors

Hex(AB9033)

Have a look what the booklet for
Hex(AB9033) contains.

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Color

Hex(AB9033)

Conversions

Conversions Part 1

Format	Color
Hex	AB9033
RGB	171, 144, 51
RGB Percent	67%, 56%, 20%
CMY	0.3294, 0.4353, 0.8000
CMYK	0.00, 0.16, 0.70, 0.33
HSL	46°, 54%, 44%
HSV	46°, 70%, 67%
XYZ	27.3654, 28.8435, 7.2570
YIQ	141.4710, 45.9450, -23.1990

Conversions

Conversions Part 2

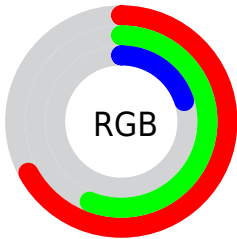
Format	Color
RYB	86, 171, 51
Decimal	11243571
CIELab	60.64, -0.20, 51.05
CIElCh	61, 51.055, 90.223
Yxy	28.8435, 0.4312, 0.4545
Android (android.graphics.Color)	4289433651 (0xFFAB9033)
YUV	141.4710, -44.6022, 25.8969
Hunter-Lab	53.7061, -3.0329, 29.5828

Details

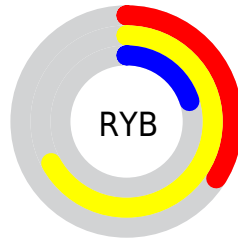
The Hex color **AB9033** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **334EAB**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **E5C667**, and **735E00** is the 20% darker color. If you saturate the color by 10%, you get **AB8C22**, and if you desaturate by 10%, it is **AB9444**.

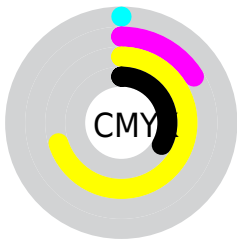
Distribution



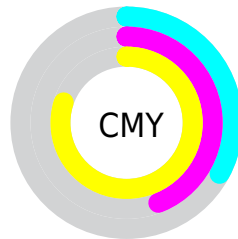
- Red (67%)
- Green (56%)
- Blue (20%)



- Red (34%)
- Yellow (67%)
- Blue (20%)



- Cyan (0%)
- Magenta (16%)
- Yellow (70%)
- Black (33%)



- Cyan (33%)
- Magenta (44%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB9033 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 AB9033 by changing the saturation by 10% instead.

 AB9033

 AB9033

FFFFFF

 8F7717

 E5C667

 735E00

 FFE181

 594700

 FFFE9C

 3E3100

 FFFF88

 251C00

 FFFFD4

 030200

 FFFFF1

 000000

 AB9033

 AB9033

 AB8C22

 AB9444

 AB8811

 AB9855

 AB8500

 AB9C66

 AB9F77

 ABA388

 ABA79A

 ABABAB

 ABAFBC

 ABB3CD

Harmonies

Analogous

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



CE7F44



AB9033



7E9D40

Triad

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



AB9033



00A8BE



CA74C0

Complementary

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



AB9033



334EAB

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.



9486E0



AB9033



00A2E0

Square

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



AB9033



00A891



3097EC



E36A94

Rectangle

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



AB9033



58A356



3097EC



BB7ACC

Sweetspot

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



AB9033



DED3AF



AB334F



706A54



F0F0F0



707070

Same Dimension

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



AB9033



DEB423



8BAB33



57554E



967500



171200

Inverse Universe

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



334EAB



234DDE



5333AB



4E5057



002296



000517

Previews

White Background



This preview shows how the Hex color AB9033 looks on a white background.

Color Contrast Check

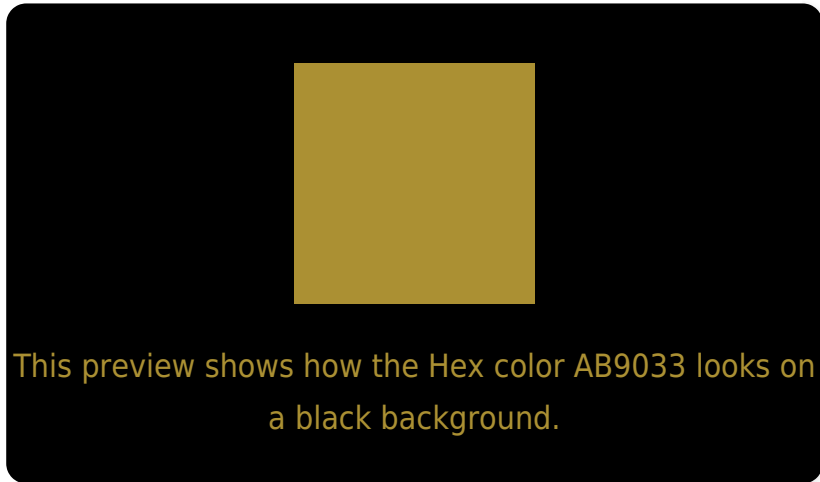
Large Text (above 18pt) WCAG AA ✓ Pass

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

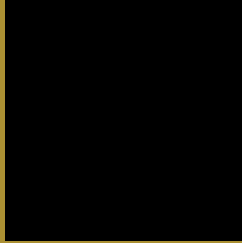
Any Text WCAG AA ✓ Pass

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 AB9033 Background



This preview shows how black text looks on a background with the Hex color AB9033.



This preview shows how white text looks on a background with the Hex color AB9033.

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
AB9033

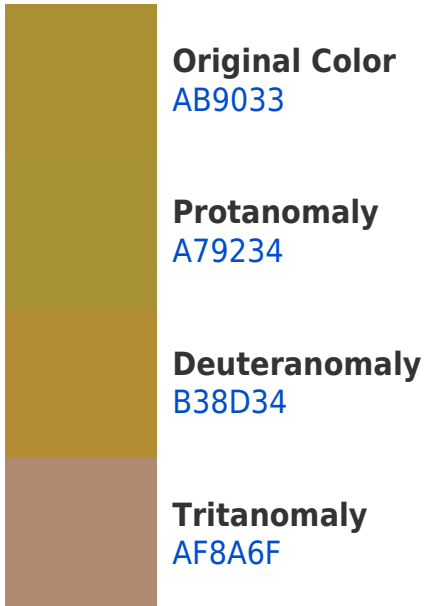
Protanopia
A49334

Deuteranopia
B78B35

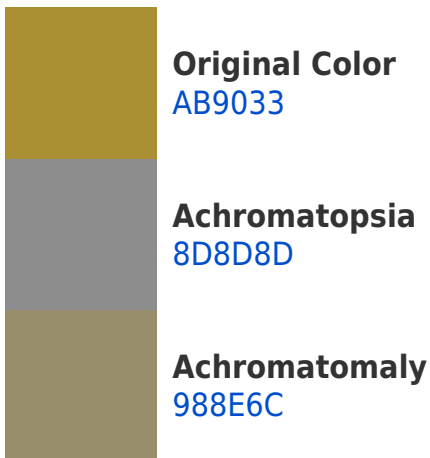


Tritanopia
B28791

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AB9033 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 #AB9033 looks like.

```
.text, #text, p{  
    color:#AB9033  
}
```

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 #AB9033 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB9033  
}
```

Border

The CSS property to change the border of an element to Hex AB9033 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  
#AB9033 }
```

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

```
.border{ border-color:#AB9033 }
```

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

Here you see how a box with a 4 pixel #AB9033 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB9033; -webkit-box-shadow:4px 4px  
4px 4px #AB9033; box-shadow:4px 4px 4px  
4px #AB9033 }
```

Background

The CSS property to change the background color of an element to Hex AB9033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB9033 }
```

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

```
.background{ background-color:#AB9033 }
```

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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