

Converting Colors

Hex(AB9438)

Have a look what the booklet for
Hex(AB9438) contains.

Hex(AB9438)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(AB9438)

Conversions

Conversions Part 1

Format	Color
Hex	AB9438
RGB	171, 148, 56
RGB Percent	67%, 58%, 22%
CMY	0.3294, 0.4196, 0.7804
CMYK	0.00, 0.13, 0.67, 0.33
HSL	48°, 51%, 45%
HSV	48°, 67%, 67%
XYZ	28.0983, 30.1233, 8.0748
YIQ	144.3890, 43.2400, -23.7360

Conversions

Conversions Part 2

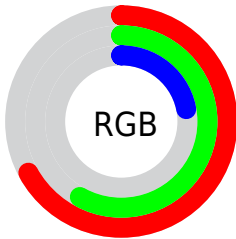
Format	Color
RYB	85, 171, 56
Decimal	11244600
CIELab	61.76, -2.09, 50.04
CIElCh	62, 50.086, 92.395
Yxy	30.1233, 0.4238, 0.4544
Android (android.graphics.Color)	4289434680 (0xFFAB9438)
YUV	144.3890, -43.5758, 23.3378
Hunter-Lab	54.8847, -4.6648, 29.6963

Details

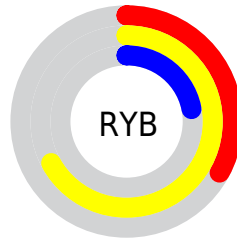
The Hex color **AB9438** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **384FAB**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **E5CA6C**, and **736200** is the 20% darker color. If you saturate the color by 10%, you get **AB9127**, and if you desaturate by 10%, it is **AB9749**.

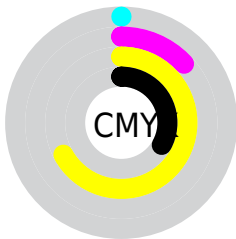
Distribution



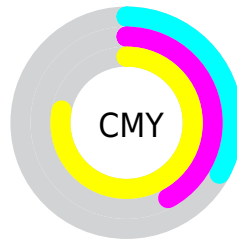
- Red (67%)
- Green (58%)
- Blue (22%)



- Red (33%)
- Yellow (67%)
- Blue (22%)



- Cyan (0%)
- Magenta (13%)
- Yellow (67%)
- Black (33%)



- Cyan (33%)
- Magenta (42%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB9438 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 AB9438 by changing the saturation by 10% instead.

 AB9438

 AB9438

FFFFFF

 8F7A1D

 E5CA6C

 736200

 FFE686

 594A00

 FFFFA1

 3F3400

 FFFFBD

 261F00

 FFFFD9

 040800

 FFFFF6

 000000

 AB9438

 AB9438

 AB9127

 AB9749

 AB8D16

 AB9B5A

 AB8A05

 AB9E6B

 AB8900

 ABA27C

 ABA58D

 ABA99F

 ABACB0

 ABAFC1

 ABB3D2

Harmonies

Analogous

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



CF8446



AB9438



7DA047

Triad

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



AB9438



00AAC3



CE77BF

Complementary

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



AB9438



384FAB

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.



9C88E0



AB9438



00A4E3

Square

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



AB9438



00AB97



4599EE



E66E93

Rectangle

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



AB9438



58A65D



4599EE



C17CCC

Sweetspot

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



AB9438



DED5B1



AB384F



706B55



F0F0F0



707070

Same Dimension

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



AB9438



DEBA2A



88AB38



57554E



967800



171200

Inverse Universe

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



384FAB



2A4EDE



5A38AB



4E5057



001E96



000517

Previews

White Background



This preview shows how the Hex color AB9438 looks on a white background.

Color Contrast Check

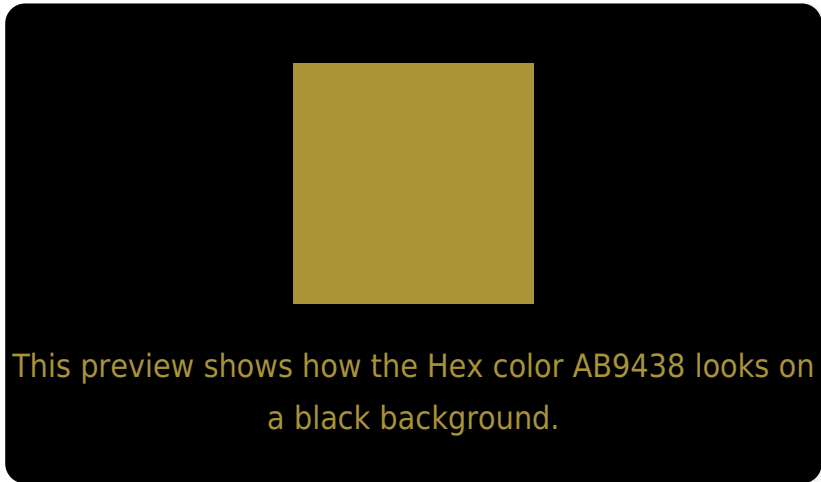
Large Text (above 18pt) WCAG AA × Fail

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 AB9438 Background



This preview shows how black text looks on a background with the Hex color AB9438.



This preview shows how white text looks on a background with the Hex color AB9438.

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

AB9438

Protanopia

A79638

Deuteranopia

BA8E3A

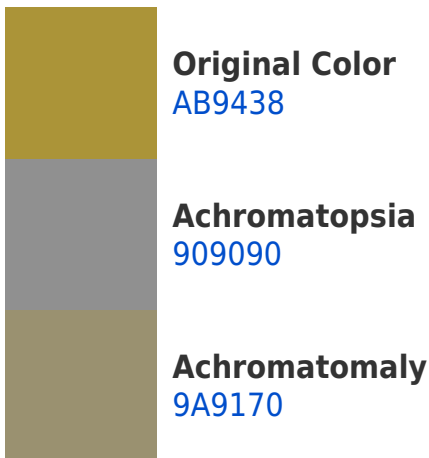


Tritanopia
B38B95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AB9438 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 #AB9438 looks like.

```
.text, #text, p{  
    color:#AB9438  
}
```

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 #AB9438 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB9438
}
```

Border

The CSS property to change the border of an element to Hex AB9438 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
#AB9438 }
```

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

```
.border{ border-color:#AB9438 }
```

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

Here you see how a box with a 4 pixel #AB9438 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB9438; -webkit-box-shadow:4px 4px  
4px 4px #AB9438; box-shadow:4px 4px 4px  
4px #AB9438 }
```

Background

The CSS property to change the background color of an element to Hex AB9438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB9438 }
```

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

```
.background{ background-color:#AB9438 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor