

# Converting Colors

Hex(AB944D)

Have a look what the booklet for  
Hex(AB944D) contains.

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**Color**

**Hex(AB944D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AB944D
RGB	171, 148, 77
RGB Percent	67%, 58%, 30%
CMY	0.3294, 0.4196, 0.6980
CMYK	0.00, 0.13, 0.55, 0.33
HSL	45°, 38%, 49%
HSV	45°, 55%, 67%
XYZ	28.7240, 30.3736, 11.3699
YIQ	146.7830, 36.4990, -17.2050

# Conversions

## Conversions Part 2

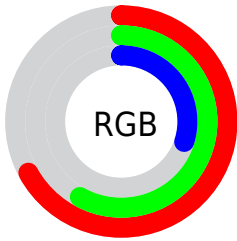
<b>Format</b>	<b>Color</b>
<b>RYB</b>	107, 171, 77
Decimal	11244621
CIELab	61.98, -0.56, 40.26
CIElCh	62, 40.263, 90.803
Yxy	30.3736, 0.4076, 0.4310
Android (android.graphics.Color)	4289434701 (0xFFAB944D)
YUV	146.7830, -34.4030, 21.2383
Hunter-Lab	55.1122, -3.4136, 26.3467

# Details

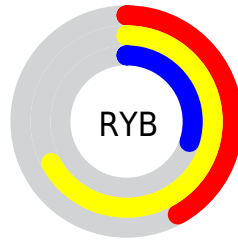
The Hex color **AB944D** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **4D64AB**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **E4CA80**, and **74621C** is the 20% darker color. If you saturate the color by 10%, you get **AB903C**, and if you desaturate by 10%, it is **AB985E**.

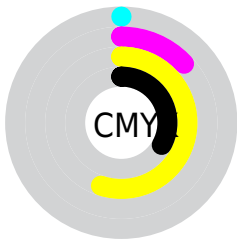
# Distribution



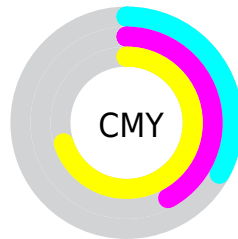
- Red (67%)
- Green (58%)
- Blue (30%)



- Red (42%)
- Yellow (67%)
- Blue (30%)



- Cyan (0%)
- Magenta (13%)
- Yellow (55%)
- Black (33%)



- Cyan (33%)
- Magenta (42%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB944D 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 AB944D by changing the saturation by 10% instead.



 AB944D

 AB944D

FFFFFF

 8F7A35

 E4CA80

 74621C

 FFE69A

 5A4A01

 FFFFB6

 413400

 FFFFD2

 281F00

 FFFFEE

 0A0700

 000000

 AB944D

 AB944D

 AB903C

 AB985E

 AB8C2B

 AB9C6F

 AB871A

 ABA180

 AB8309

 ABA591

 AB8100

 ABA9A2

 ABADB4

 ABB1C5

 ABB5D6

 ABBAE7

# Harmonies

## Analogous

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



C88758



AB944D



869E57

# Triad

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



AB944D



00A7B9



C37FB9

# Complementary

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



AB944D



4D64AB

# 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.



9A8CD3



AB944D



00A3D3

# Square

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



AB944D



0DA896



5E99DD



D87996

# Rectangle

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



AB944D



6AA367



5E99DD



B883C3



# Sweetspot

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



AB944D



DED5BA



AB4D64



706B5B



F0F0F0



707070



# Same Dimension

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



AB944D



DEBA4B



93AB4D



57554E



967200



171100



# Inverse Universe

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



4D64AB



4B6FDE



644DAB



4E5057



002596



000617



# Previews

## White Background



This preview shows how the Hex color AB944D looks on a white background.

## Color Contrast Check

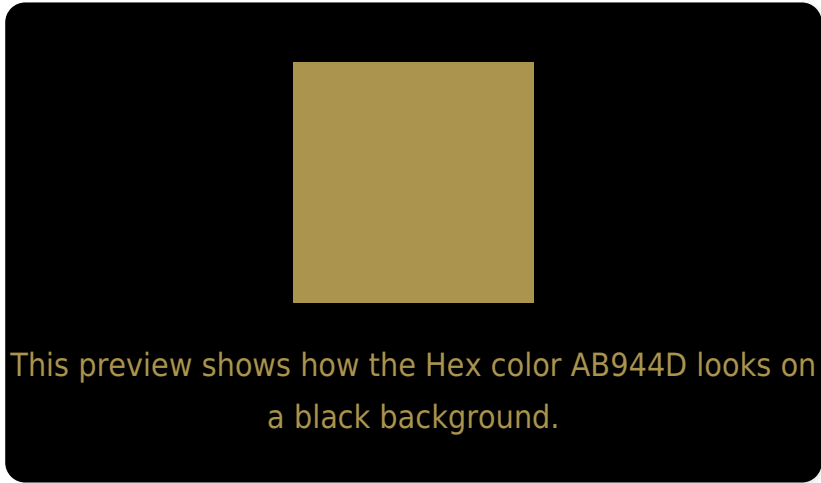
Large Text (above 18pt) WCAG AA × Fail

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

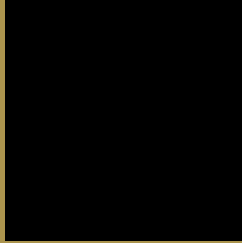
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex AB944D Background



This preview shows how black text looks on a background with the Hex color AB944D.



This preview shows how white text looks on a background with the Hex color AB944D.

# 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**  
AB944D

**Protanopia**  
A5964E

**Deuteranopia**  
B88F4E

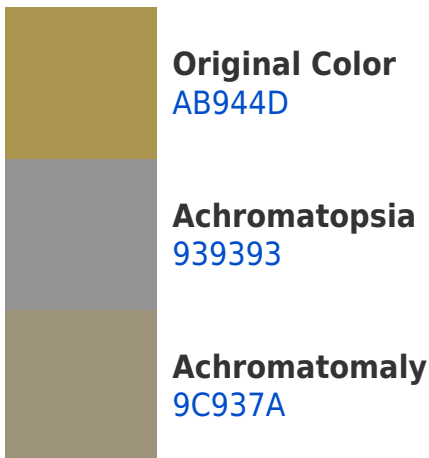


**Tritanopia**  
B28C97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB944D 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 #AB944D looks like.

```
.text, #text, p{  
    color:#AB944D  
}
```

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 #AB944D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB944D
}
```

## Border

The CSS property to change the border of an element to Hex AB944D 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
#AB944D }
```

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

```
.border{ border-color:#AB944D }
```

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

Here you see how a box with a 4 pixel #AB944D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB944D; -webkit-box-shadow:4px 4px  
4px 4px #AB944D; box-shadow:4px 4px 4px  
4px #AB944D }
```

# Background

The CSS property to change the background color of an element to Hex AB944D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB944D }
```

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

```
.background{ background-color:#AB944D }
```

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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