

# Converting Colors

Hex(AB8D70)

Have a look what the booklet for  
Hex(AB8D70) contains.

<b>Hex(AB8D70)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(AB8D70)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AB8D70
RGB	171, 141, 112
RGB Percent	67%, 55%, 44%
CMY	0.3294, 0.4471, 0.5608
CMYK	0.00, 0.18, 0.35, 0.33
HSL	29°, 26%, 55%
HSV	29°, 35%, 67%
XYZ	29.2441, 28.8775, 19.3618
YIQ	146.6640, 27.1890, -2.6590

# Conversions

## Conversions Part 2

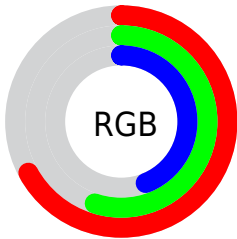
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	171, 169, 112
Decimal	11242864
CIE Lab	60.67, 7.06, 19.73
CIE LCh	61, 20.954, 70.310
Yxy	28.8775, 0.3774, 0.3727
Android (android.graphics.Color)	4289432944 (0xFFAB8D70)
YUV	146.6640, -17.0894, 21.3427
Hunter-Lab	53.7378, 3.0984, 16.2542

# Details

The Hex color **AB8D70** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **708EAB**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **E3C3A4**, and **765B40** is the 20% darker color. If you saturate the color by 10%, you get **AB845F**, and if you desaturate by 10%, it is **AB9681**.

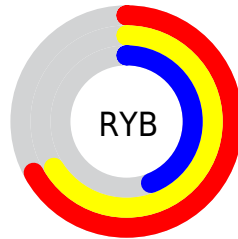
# Distribution



Red (67%)

Green (55%)

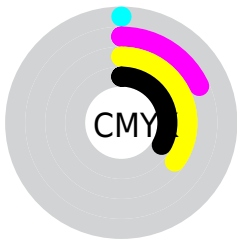
Blue (44%)



Red (67%)

Yellow (66%)

Blue (44%)

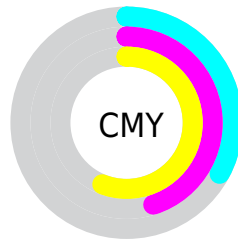


Cyan (0%)

Magenta (18%)

Yellow (35%)

Black (33%)



Cyan (33%)

Magenta (45%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB8D70 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 AB8D70 by changing the saturation by 10% instead.



 AB8D70

 AB8D70

FFFFFF

 907357

 E3C3A4

 765B40

 FFDEBF

 5C432A

 FFFBDB

 432D15

 FFFFF7

 2D1800

 130000

 000000

 AB8D70

 AB8D70

 AB845F

 AB9681

 AB7C4E

 AB9E92

 AB733D

 ABA7A3

 AB6A2C

 ABB0B4

 AB621A

 ABB8C5

 AB5909

 ABC1D7

 AB5400

 ABCAE8

 ABD3F9

 ABDBFF

# Harmonies

## Analogous

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



B6887B



AB8D70



9A936E

# Triad

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



AB8D70



619D98



9D8BAF

# Complementary

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



AB8D70



708EAB

# 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.



8592B6



AB8D70



5E9BAA

# Square

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



AB8D70



709C85



6D98B5



AF879F

# Rectangle

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



AB8D70



8C9772



6D98B5



968EB2



# Sweetspot

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



AB8D70



DED3C8



AB708E



706963



F0F0F0



707070



# Same Dimension

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



AB8D70



DEB083



ABAA70



57524E



964A00



170B00



# Inverse Universe

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



708EAB



83B1DE



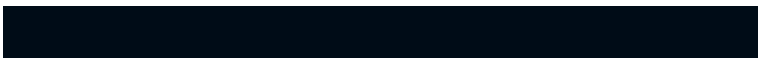
7071AB



4E5257



004C96



000C17



# Previews

## White Background



This preview shows how the Hex color AB8D70 looks on a white background.

## Color Contrast Check

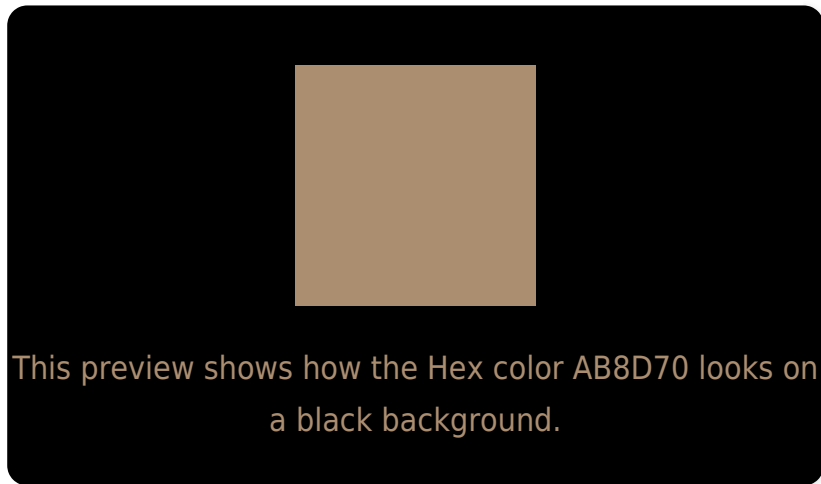
Large Text (above 18pt) WCAG AA ✓ Pass

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 AB8D70 Background



This preview shows how black text looks on a background with the Hex color AB8D70.



This preview shows how white text looks on a background with the Hex color AB8D70.

# 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**  
AB8D70

**Protanopia**  
9C9272

**Deuteranopia**  
AC8D70



**Tritanopia**  
AF8893

# Trichromacy



**Original Color**  
AB8D70

**Protanomaly**  
A19071

**Deuteranomaly**  
AC8D70

**Tritanomaly**  
AE8A86

# Monochromacy



**Original Color**  
AB8D70

**Achromatopsia**  
939393

**Achromatomaly**  
9C9186

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB8D70 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 #AB8D70 looks like.

```
.text, #text, p{  
    color:#AB8D70  
}
```

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 #AB8D70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB8D70  
}
```

## Border

The CSS property to change the border of an element to Hex AB8D70 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  
#AB8D70 }
```

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

```
.border{ border-color:#AB8D70 }
```

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

Here you see how a box with a 4 pixel #AB8D70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB8D70; -webkit-box-shadow:4px 4px  
4px 4px #AB8D70; box-shadow:4px 4px 4px  
4px #AB8D70 }
```

# Background

The CSS property to change the background color of an element to Hex AB8D70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB8D70 }
```

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

```
.background{ background-color:#AB8D70 }
```

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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