

Converting Colors

Hex(ABAB89)

Have a look what the booklet for
Hex(ABAB89) contains.

Hex(ABAB89)	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(ABAB89)

Conversions

Conversions Part 1

Format	Color
Hex	ABAB89
RGB	171, 171, 137
RGB Percent	67%, 67%, 54%
CMY	0.3294, 0.3294, 0.4627
CMYK	0.00, 0.00, 0.20, 0.33
HSL	60°, 17%, 60%
HSV	60°, 20%, 67%
XYZ	35.8729, 39.5899, 29.4178
YIQ	167.1240, 10.9140, -10.5740

Conversions

Conversions Part 2

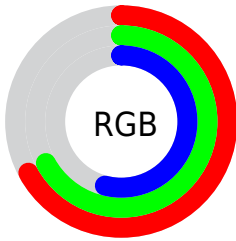
Format	Color
RYB	137, 171, 137
Decimal	11250569
CIELab	69.18, -5.80, 17.56
CIELCh	69, 18.495, 108.285
Yxy	39.5899, 0.3420, 0.3775
Android (android.graphics.Color)	4289440649 (0xFFABAB89)
YUV	167.1240, -14.8511, 3.3993
Hunter-Lab	62.9205, -8.3427, 16.3239

Details

The Hex color **ABAB89** is a light color, and the websafe version is hex **999966**. A complement of this color would be **8989AB**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **E3E2BE**, and **767757** is the 20% darker color. If you saturate the color by 10%, you get **ABAB78**, and if you desaturate by 10%, it is **ABAB9A**.

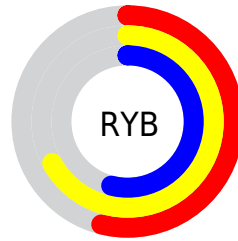
Distribution



Red (67%)

Green (67%)

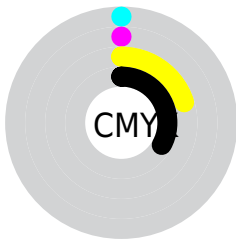
Blue (54%)



Red (54%)

Yellow (67%)

Blue (54%)

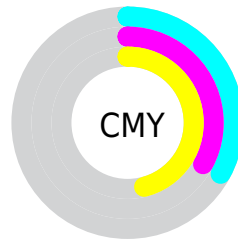


Cyan (0%)

Magenta (0%)

Yellow (20%)

Black (33%)



Cyan (33%)

Magenta (33%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color ABAB89 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 ABAB89 by changing the saturation by 10% instead.



ABAB89



ABAB89

FFFFFF



909170



E3E2BE



767757



FFFFDA



5E5E3F



FFFFFF7



464729



2F3014



1B1B00



000000



ABAB89



ABAB89



ABAB78



ABAB9A

 ABAB67

 ABABAB

 ABAB56

 ABABBC

 ABAB45

 ABABCD

 ABAB33

 ABABDE

 ABAB22

 ABABF0

 ABAB11

 ABABFF

 ABAB00

Harmonies

Analogous

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



BCA688



ABAB89



98AF92

Triad

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



ABAB89



7FB1C1



C79EB0

Complementary

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



ABAB89



8989AB

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.



B8A1BF



ABAB89



8EACC9

Square

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



ABAB89



7CB3B3



A3A7C8



CC9D9F

Rectangle

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



ABAB89



8CB19C



A3A7C8



C39FB6

Sweetspot

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



ABAB89



DEDED1



AB8989



707068



F0F0F0



707070

Same Dimension

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



ABAB89



DEDEA9



9AAB89



57574E



969600



171700

Inverse Universe

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



8989AB



A9A9DE



9A89AB



4E4E57



000096



000017

Previews

White Background



This preview shows how the Hex color ABAB89 looks on a white background.

Color Contrast Check

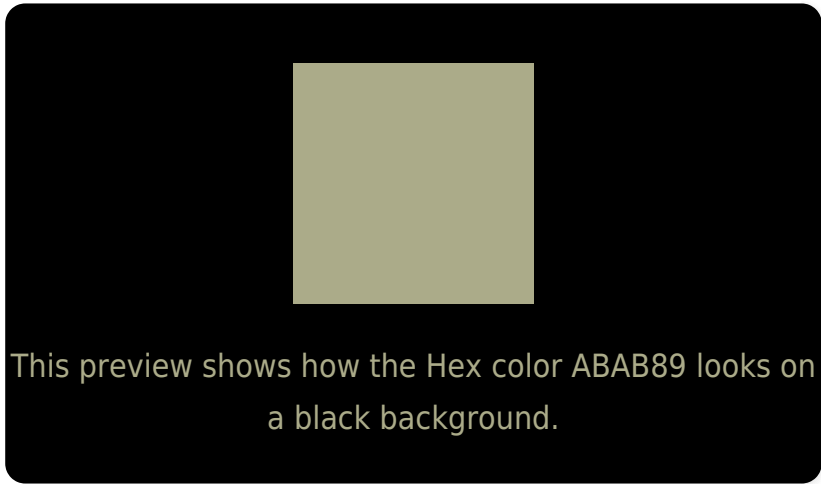
Large Text (above 18pt) WCAG AA × Fail

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

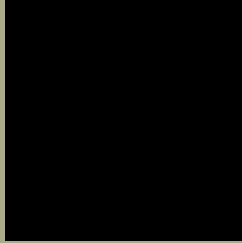
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

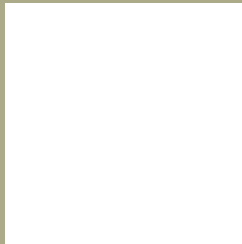
Any Text WCAG AAA ✓ Pass

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

Hex ABAB89 Background



This preview shows how black text looks on a background with the Hex color ABAB89.



This preview shows how white text looks on a background with the Hex color ABAB89.

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
ABAB89

Protanopia
B3A888

Deuteranopia
C3A28B



Tritanopia
B1A5B2

Trichromacy



Original Color
ABAB89

Protanomaly
B0A988

Deuteranomaly
BAA58A

Tritanomaly
AFA7A3

Monochromacy



Original Color
ABAB89

Achromatopsia
A7A7A7

Achromatomaly
A8A89C

CSS Examples

Text

The CSS property to change the color of the text to Hex ABAB89 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 #ABAB89 looks like.

```
.text, #text, p{  
    color:#ABAB89  
}
```

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 #ABAB89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ABAB89
}
```

Border

The CSS property to change the border of an element to Hex ABAB89 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
#ABAB89 }
```

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

```
.border{ border-color:#ABAB89 }
```

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

Here you see how a box with a 4 pixel #ABAB89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ABAB89; -webkit-box-shadow:4px 4px  
4px 4px #ABAB89; box-shadow:4px 4px 4px  
4px #ABAB89 }
```

Background

The CSS property to change the background color of an element to Hex ABAB89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ABAB89 }
```

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

```
.background{ background-color:#ABAB89 }
```

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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