

Converting Colors

Hex(ABAB80)

Have a look what the booklet for
Hex(ABAB80) contains.

Hex(ABAB80)	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(ABAB80)

Conversions

Conversions Part 1

Format	Color
Hex	ABAB80
RGB	171, 171, 128
RGB Percent	67%, 67%, 50%
CMY	0.3294, 0.3294, 0.4980
CMYK	0.00, 0.00, 0.25, 0.33
HSL	60°, 20%, 59%
HSV	60°, 25%, 67%
XYZ	35.2538, 39.3423, 26.1578
YIQ	166.0980, 13.8030, -13.3730

Conversions

Conversions Part 2

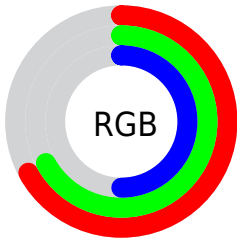
Format	Color
RYB	128, 171, 128
Decimal	11250560
CIELab	69.00, -7.13, 22.22
CIELCh	69, 23.334, 107.783
Yxy	39.3423, 0.3499, 0.3905
Android (android.graphics.Color)	4289440640 (0xFFABAB80)
YUV	166.0980, -18.7823, 4.2991
Hunter-Lab	62.7234, -9.4398, 19.1804

Details

The Hex color **ABAB80** is a light color, and the websafe version is hex **999966**. A complement of this color would be **8080AB**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **E3E2B5**, and **76774E** is the 20% darker color. If you saturate the color by 10%, you get **ABAB6F**, and if you desaturate by 10%, it is **ABAB91**.

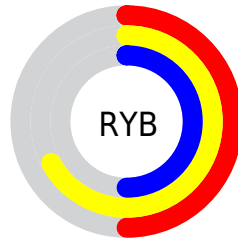
Distribution



Red (67%)

Green (67%)

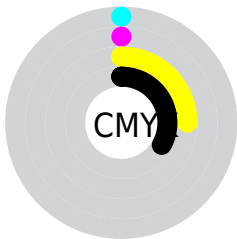
Blue (50%)



Red (50%)

Yellow (67%)

Blue (50%)

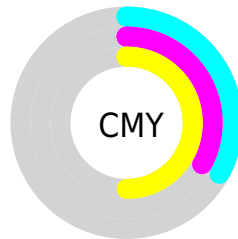


Cyan (0%)

Magenta (0%)

Yellow (25%)

Black (33%)



Cyan (33%)

Magenta (33%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color ABAB80 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 ABAB80 by changing the saturation by 10% instead.

 ABAB80

 ABAB80

FFFFFF

 909167

 E3E2B5

 76774E


 FFFFD1

 5D5E37

 FFFFED

 454721

 2E300B

 191C00

 000000

 ABAB80

 ABAB80

 ABAB6F

 ABAB91

 ABAB5E

 ABABA2

 ABAB4D

 ABABB3

 ABAB3C

 ABABC4

 ABAB2B

 ABABD5

 ABAB19

 ABABE7

 ABAB08

 ABABF8

 ABAB00

 ABABFF

Harmonies

Analogous

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



C0A47F



ABAB80



93B18C

Triad

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



ABAB80



6FB2C7



CD9AB2

Complementary

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



ABAB80



8080AB

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.



BB9FC5



ABAB80



84ADD1

Square

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



ABAB80



6DB4B4



A0A6D0



D49A9C

Rectangle

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



ABAB80



83B398



A0A6D0



C89BB9

Sweetspot

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



ABAB80



DEDECC



AB8080



707065



F0F0F0



707070

Same Dimension

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



ABAB80



DEDE9B



95AB80



57574E



969600



171700

Inverse Universe

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



8080AB



9B9BDE



9580AB



4E4E57



000096



000017

Previews

White Background



This preview shows how the Hex color ABAB80 looks on a white background.

Color Contrast Check

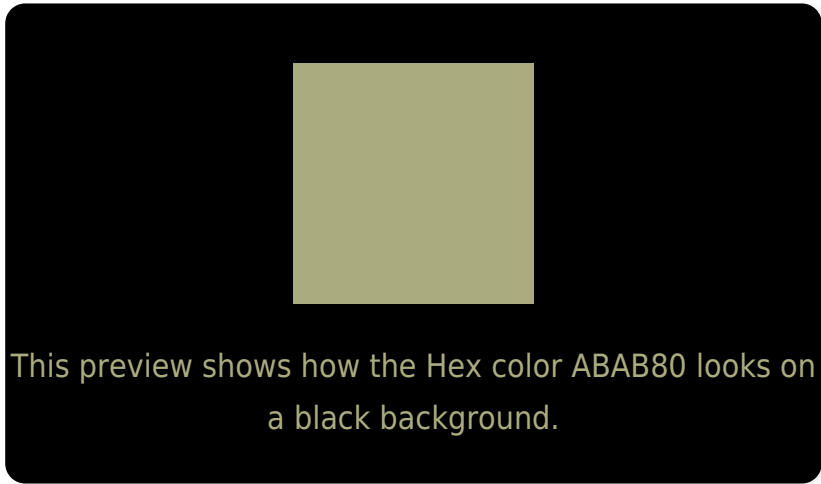
Large Text (above 18pt) WCAG AA × Fail

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

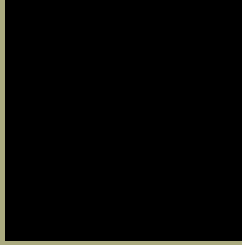
Any Text WCAG AA ✓ Pass

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 ABAB80 Background



This preview shows how black text looks on a background with the Hex color ABAB80.



This preview shows how white text looks on a background with the Hex color ABAB80.

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
ABAB80

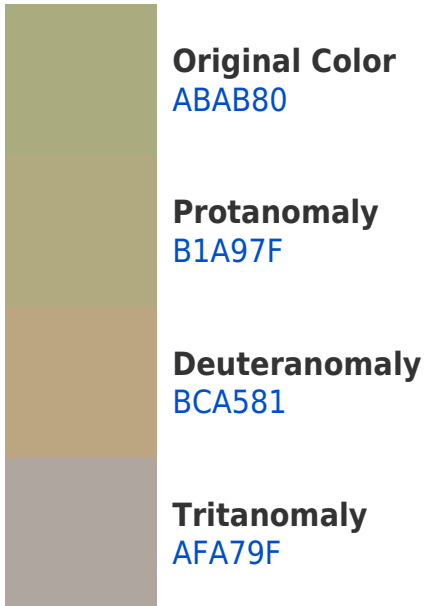
Protanopia
B4A87F

Deuteranopia
C5A182

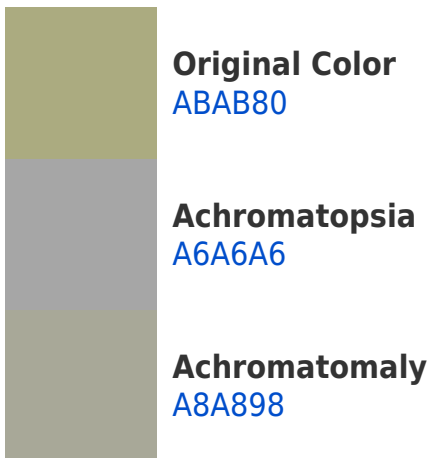


Tritanopia
B1A4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex ABAB80 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 #ABAB80 looks like.

```
.text, #text, p{  
    color:#ABAB80  
}
```

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 #ABAB80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ABAB80
}
```

Border

The CSS property to change the border of an element to Hex ABAB80 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
#ABAB80 }
```

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

```
.border{ border-color:#ABAB80 }
```

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

Here you see how a box with a 4 pixel #ABAB80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ABAB80; -webkit-box-shadow:4px 4px  
4px 4px #ABAB80; box-shadow:4px 4px 4px  
4px #ABAB80 }
```

Background

The CSS property to change the background color of an element to Hex ABAB80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ABAB80 }
```

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

```
.background{ background-color:#ABAB80 }
```

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