

Converting Colors

Hex(B7AA87)

Have a look what the booklet for
Hex(B7AA87) contains.

| | |
|--|----|
| Hex(B7AA87) | 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(B7AA87)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | B7AA87 |
| RGB | 183, 170, 135 |
| RGB Percent | 72%, 67%, 53% |
| CMY | 0.2824, 0.3333, 0.4706 |
| CMYK | 0.00, 0.07, 0.26, 0.28 |
| HSL | 44°, 25%, 62% |
| HSV | 44°, 26%, 72% |
| XYZ | 38.2763, 40.5660, 28.7343 |
| YIQ | 169.8970, 18.9830, -8.1290 |

Conversions

Conversions Part 2

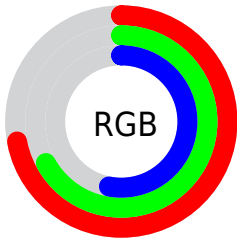
| Format | Color |
|-------------------------------------|---|
| RYB | 153, 183, 135 |
| Decimal | 12036743 |
| CIELab | 69.87, -0.90, 19.77 |
| CIELCh | 70, 19.788, 92.605 |
| Yxy | 40.5660, 0.3558, 0.3771 |
| Android (android.graphics.Color) | 4290226823 (0xFFB7AA87) |
| YUV | 169.8970, -17.2042, 11.4913 |
| Hunter-Lab | 63.6914, -4.1877, 17.8354 |

Details

The Hex color **B7AA87** is a light color, and the websafe version is hex **999966**. A complement of this color would be **8794B7**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **EFE1BC**, and **817655** is the 20% darker color. If you saturate the color by 10%, you get **B7A575**, and if you desaturate by 10%, it is **B7AF99**.

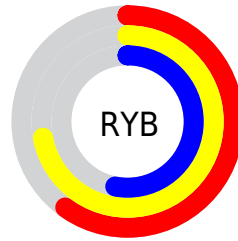
Distribution



Red (72%)

Green (67%)

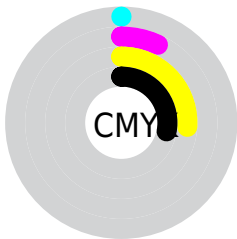
Blue (53%)



Red (60%)

Yellow (72%)

Blue (53%)

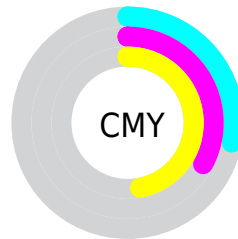


Cyan (0%)

Magenta (7%)

Yellow (26%)

Black (28%)



Cyan (28%)

Magenta (33%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7AA87 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 B7AA87 by changing the saturation by 10% instead.



B7AA87



B7AA87

FFFFFF



9C906E



EFE1BC



817655



FFFED8



685D3E



FFFFF5



4F4627



383012



221B00



000000



B7AA87



B7AA87



B7A575



B7AF99

 B7A062

 B7B4AC

 B79B50

 B7B9BE

 B7963E

 B7BED0

 B7912C

 B7C3E3

 B78C19

 B7C8F5

 B78707

 B7CDFE

 B78500

 B7D2FF

 B7D7FF

Harmonies

Analogous

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



C7A48B



B7AA87



A3B08C

Triad

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



B7AA87



7AB4BD



C4A0BC

Complementary

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



B7AA87



8794B7

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.



B0A6C9



B7AA87



83B1CA

Square

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



B7AA87



7FB5AC



98ACCE



CF9EAA

Rectangle

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



B7AA87



95B294



98ACCE



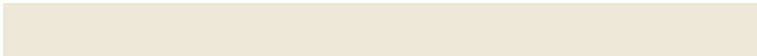
BEA2C1

Sweetspot

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



B7AA87



EDE8DA



B78795



78756C



F7F7F7



787878

Same Dimension

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



B7AA87



EDD9A4



ADB787



5C5953



9C7100



1C1400

Inverse Universe

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



8794B7



A4B8ED



9187B7



53555C



002A9C



00081C

Previews

White Background



This preview shows how the Hex color B7AA87 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



This preview shows how the Hex color B7AA87 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

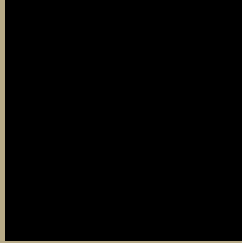
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

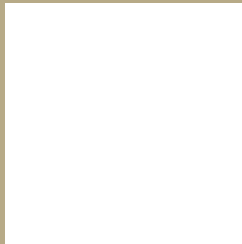
Any Text WCAG AAA ✓ Pass

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

Hex B7AA87 Background



This preview shows how black text looks on a background with the Hex color B7AA87.



This preview shows how white text looks on a background with the Hex color B7AA87.

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
B7AA87

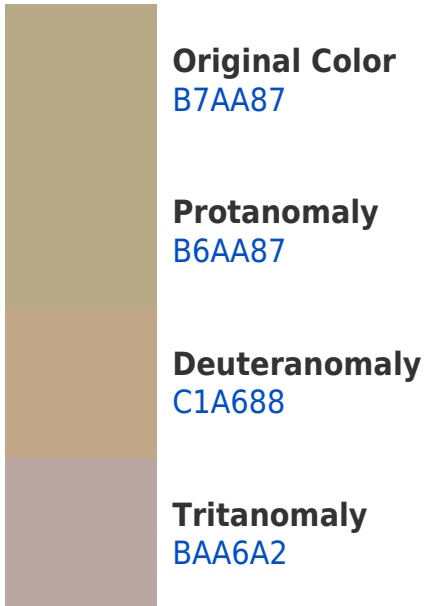
Protanopia
B6AA87

Deuteranopia
C7A488

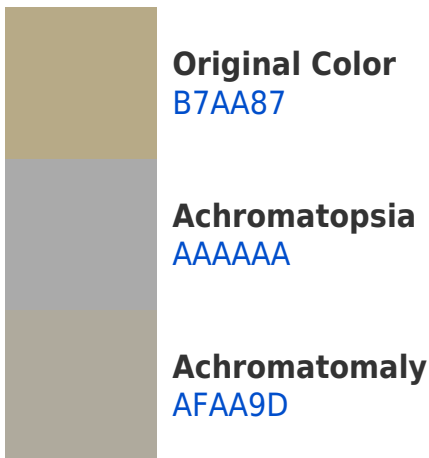


Tritanopia
BCA4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B7AA87 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 #B7AA87 looks like.

```
.text, #text, p{  
    color:#B7AA87  
}
```

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 #B7AA87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7AA87  
}
```

Border

The CSS property to change the border of an element to Hex B7AA87 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  
#B7AA87 }
```

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

```
.border{ border-color:#B7AA87 }
```

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

Here you see how a box with a 4 pixel #B7AA87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7AA87; -webkit-box-shadow:4px 4px  
4px 4px #B7AA87; box-shadow:4px 4px 4px  
4px #B7AA87 }
```

Background

The CSS property to change the background color of an element to Hex B7AA87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7AA87 }
```

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

```
.background{ background-color:#B7AA87 }
```

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