

# Converting Colors

Hex(B5AA86)

Have a look what the booklet for  
Hex(B5AA86) contains.

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# **Color**

**Hex(B5AA86)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5AA86
RGB	181, 170, 134
RGB Percent	71%, 67%, 53%
CMY	0.2902, 0.3333, 0.4745
CMYK	0.00, 0.06, 0.26, 0.29
HSL	46°, 24%, 62%
HSV	46°, 26%, 71%
XYZ	37.7339, 40.2944, 28.3431
YIQ	169.1850, 18.1120, -8.8640

# Conversions

## Conversions Part 2

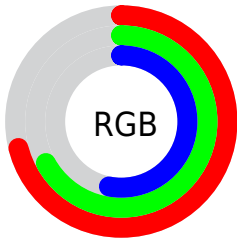
Format	Color
<a href="#">RYB</a>	<a href="#">148, 181, 134</a>
Decimal	<a href="#">11905670</a>
CIELab	<a href="#">69.68, -1.82, 20.02</a>
CIElCh	<a href="#">70, 20.104, 95.207</a>
Yxy	<a href="#">40.2944, 0.3547, 0.3788</a>
Android (android.graphics.Color)	<a href="#">4290095750 (0xFFB5AA86)</a>
YUV	<a href="#">169.1850, -17.3462, 10.3618</a>
Hunter-Lab	<a href="#">63.4779, -4.9786, 17.9614</a>

# Details

The Hex color **B5AA86** is a light color, and the websafe version is hex **999966**. A complement of this color would be **8691B5**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **EDE1BB**, and **807654** is the 20% darker color. If you saturate the color by 10%, you get **B5A674**, and if you desaturate by 10%, it is **B5AE98**.

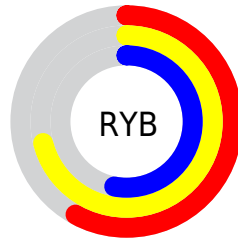
# Distribution



Red (71%)

Green (67%)

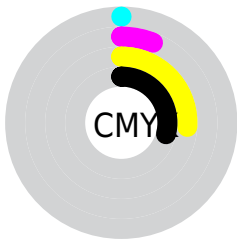
Blue (53%)



Red (58%)

Yellow (71%)

Blue (53%)

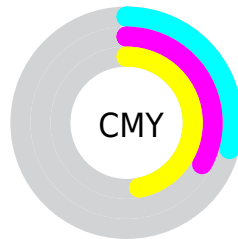


Cyan (0%)

Magenta (6%)

Yellow (26%)

Black (29%)



Cyan (29%)

Magenta (33%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5AA86 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 B5AA86 by changing the saturation by 10% instead.



 B5AA86

 B5AA86

FFFFFF

 9A906D

 EDE1BB

 807654

 FFFED7

 665D3D

 FFFFF4

 4E4627

 363012

 211B00

 000000

 B5AA86

 B5AA86

 B5A674

 B5AE98

 B5A262

 B5B2AA

 B59D50

 B5B7BC

 B5993E

 B5BBCE

 B5952C

 B5BFE1

 B59119

 B5C3F3

 B58C07

 B5C8FF

 B58B00

 B5CCFF

 B5D0FF

# Harmonies

## Analogous

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



C5A48A



B5AA86



A1AF8C

# Triad

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



B5AA86



78B4BF



C59FBA

# Complementary

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



B5AA86



8691B5

# 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.



B1A4C8



B5AA86



83B0CB

# Square

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



B5AA86



7DB5AD



99ABCE



CF9DA8

# Rectangle

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



**B5AA86**



**93B295**



**99ABCE**



**BFA1BF**

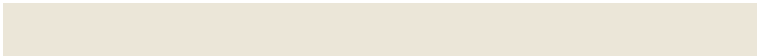


# Sweetspot

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



B5AA86



EBE6D8



B58692



75736A



F5F5F5



757575



# Same Dimension

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



B5AA86



EBDAA2



A9B586



595750



997500



1A1400



# Inverse Universe

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



8691B5



A2B3EB



9286B5



505259



002499



00061A



# Previews

## White Background



This preview shows how the Hex color B5AA86 looks on a white background.

## Color Contrast Check

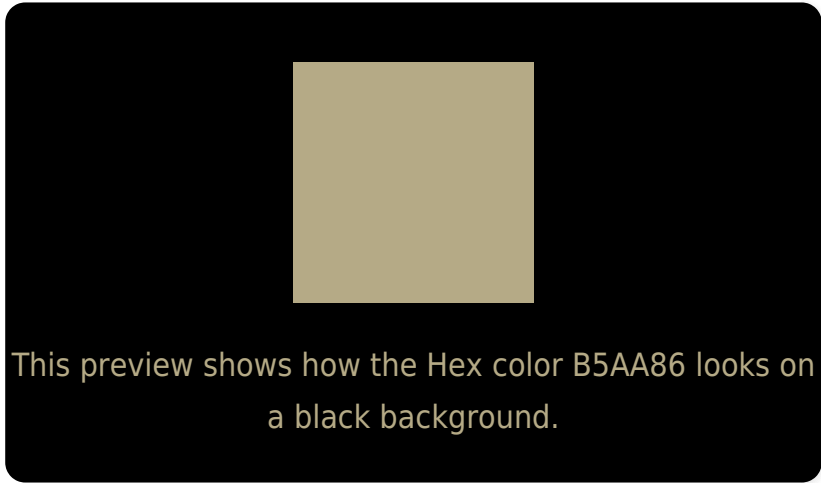
Large Text (above 18pt) WCAG AA × Fail

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

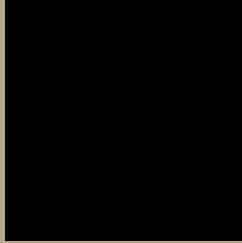
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B5AA86 Background



This preview shows how black text looks on a background with the Hex color B5AA86.

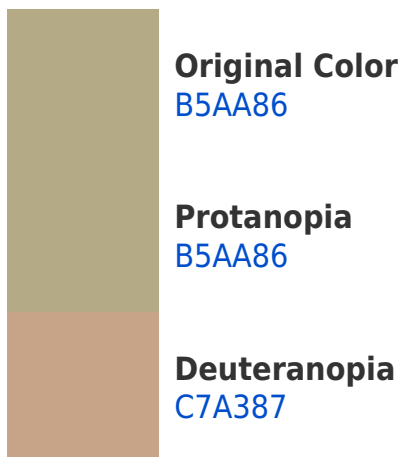


This preview shows how white text looks on a background with the Hex color B5AA86.

# 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](#).

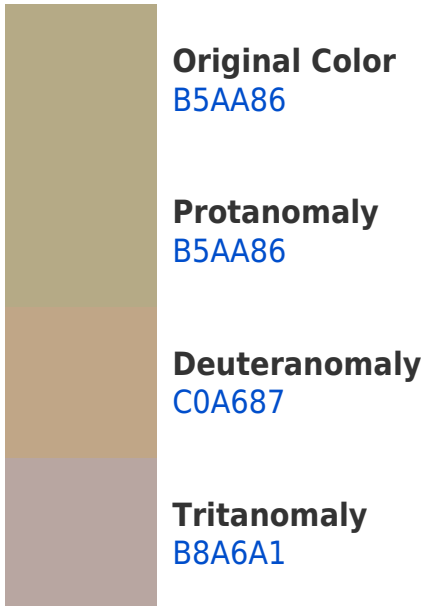
## Dichromacy



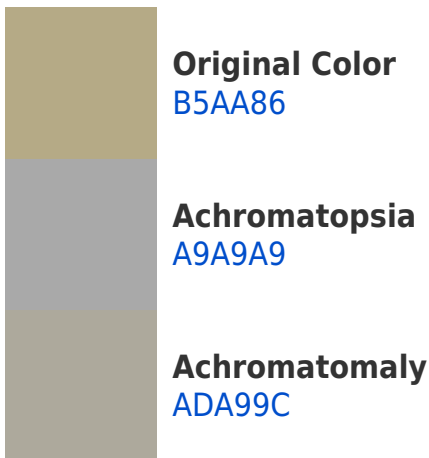


**Tritanopia**  
BAA4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5AA86 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 #B5AA86 looks like.

```
.text, #text, p{  
    color:#B5AA86  
}
```

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 #B5AA86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5AA86
}
```

## Border

The CSS property to change the border of an element to Hex B5AA86 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
#B5AA86 }
```

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

```
.border{ border-color:#B5AA86 }
```

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

Here you see how a box with a 4 pixel #B5AA86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5AA86; -webkit-box-shadow:4px 4px  
4px 4px #B5AA86; box-shadow:4px 4px 4px  
4px #B5AA86 }
```

# Background

The CSS property to change the background color of an element to Hex B5AA86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5AA86 }
```

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

```
.background{ background-color:#B5AA86 }
```

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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