

# Converting Colors

Hex(B2B182)

Have a look what the booklet for  
Hex(B2B182) contains.

<b>Hex(B2B182)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(B2B182)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2B182
RGB	178, 177, 130
RGB Percent	70%, 69%, 51%
CMY	0.3020, 0.3059, 0.4902
CMYK	0.00, 0.01, 0.27, 0.30
HSL	59°, 24%, 60%
HSV	59°, 27%, 70%
XYZ	38.1115, 42.5210, 27.3178
YIQ	171.9410, 15.6830, -14.4050

# Conversions

## Conversions Part 2

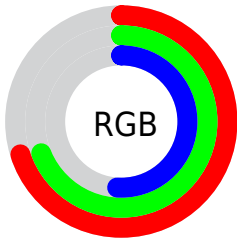
Format	Color
<a href="#">RYB</a>	<a href="#">131, 178, 130</a>
Decimal	<a href="#">11710850</a>
CIELab	<a href="#">71.23, -7.28, 24.25</a>
CIELCh	<a href="#">71, 25.323, 106.715</a>
Yxy	<a href="#">42.5210, 0.3530, 0.3939</a>
Android (android.graphics.Color)	<a href="#">4289900930 (0xFFB2B182)</a>
YUV	<a href="#">171.9410, -20.6769, 5.3137</a>
Hunter-Lab	<a href="#">65.2081, -9.7881, 20.8072</a>

# Details

The Hex color **B2B182** is a light color, and the websafe version is hex **999966**. A complement of this color would be **8283B2**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **EAE9B7**, and **7D7D50** is the 20% darker color. If you saturate the color by 10%, you get **B2B170**, and if you desaturate by 10%, it is **B2B194**.

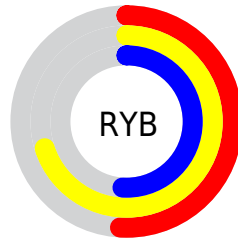
# Distribution



Red (70%)

Green (69%)

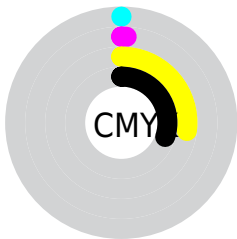
Blue (51%)



Red (51%)

Yellow (70%)

Blue (51%)

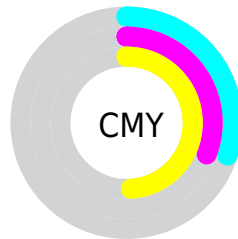


Cyan (0%)

Magenta (1%)

Yellow (27%)

Black (30%)



Cyan (30%)

Magenta (31%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2B182 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 B2B182 by changing the saturation by 10% instead.





B2B182



B2B182

FFFFFF



979669



EAE9B7



7D7D50



FFFFD3



636439



FFFEEF



4B4C22



33350D



1E2000



000800



000000



B2B182



B2B182

 B2B170

 B2B194

 B2B05E

 B2B2A6

 B2B04D

 B2B2B7

 B2B03B

 B2B2C9

 B2AF29

 B2B3DB

 B2AF17

 B2B3ED

 B2AE05

 B2B4FF

 B2AE00

# Harmonies

## Analogous

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



C9A982



B2B182



98B78E

# Triad

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



B2B182



6EB9CF



D69FBA

# Complementary

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



B2B182



8283B2

# 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.



C2A4CE



B2B182



84B4DB

# Square

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



B2B182



6DBBBB



A4ACDA



DE9EA2

# Rectangle

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



B2B182



86BA9B



A4ACDA



D1A0C1



# Sweetspot

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



B2B182



E8E8D5



B28284



75756A



F5F5F5



757575



# Same Dimension

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



B2B182



E8E79E



9CB282



595950



999600



1A1900



# Inverse Universe

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



8283B2



9E9FE8



9882B2



505159



000399



00011A



# Previews

## White Background



This preview shows how the Hex color B2B182 looks on a white background.

## Color Contrast Check

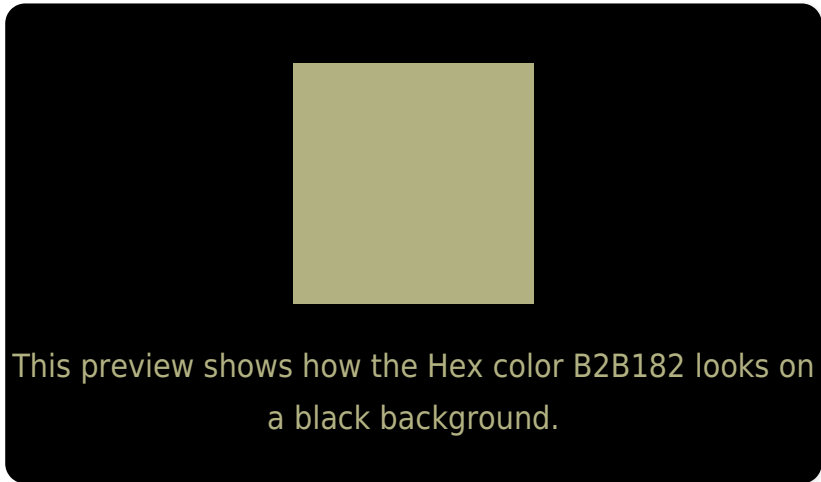
Large Text (above 18pt) WCAG AA × Fail

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

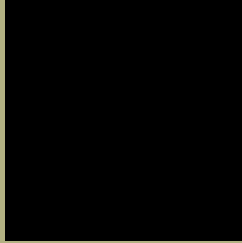
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B2B182 Background



This preview shows how black text looks on a background with the Hex color B2B182.

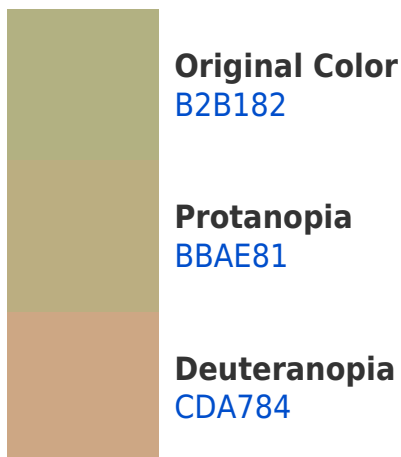


This preview shows how white text looks on a background with the Hex color B2B182.

# 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](#).

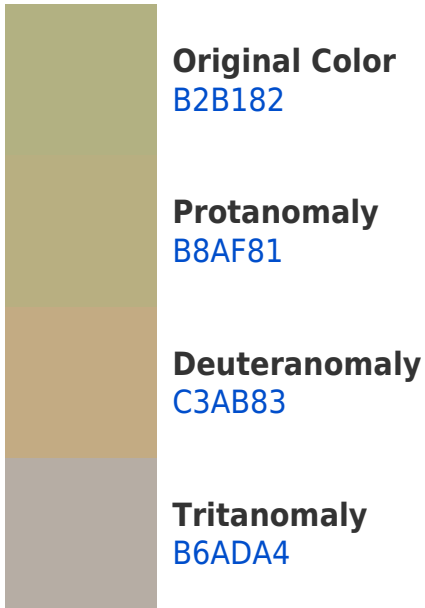
## Dichromacy



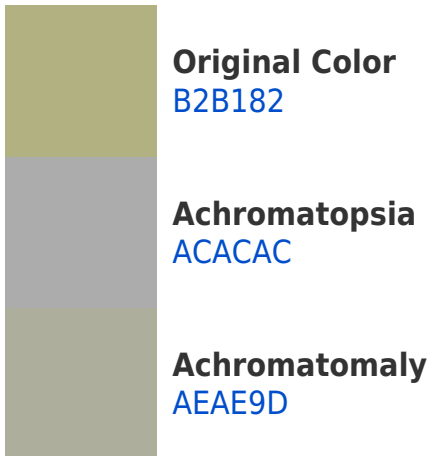


**Tritanopia**  
B9AAB7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2B182 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 #B2B182 looks like.

```
.text, #text, p{  
    color:#B2B182  
}
```

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 #B2B182 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2B182
}
```

## Border

The CSS property to change the border of an element to Hex B2B182 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
#B2B182 }
```

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

```
.border{ border-color:#B2B182 }
```

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

Here you see how a box with a 4 pixel #B2B182 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2B182; -webkit-box-shadow:4px 4px  
4px 4px #B2B182; box-shadow:4px 4px 4px  
4px #B2B182 }
```

# Background

The CSS property to change the background color of an element to Hex B2B182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2B182 }
```

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

```
.background{ background-color:#B2B182 }
```

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