

# Converting Colors

Hex(B2B48D)

Have a look what the booklet for  
Hex(B2B48D) contains.

<b>Hex(B2B48D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(B2B48D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2B48D
RGB	178, 180, 141
RGB Percent	70%, 71%, 55%
CMY	0.3020, 0.2941, 0.4471
CMYK	0.01, 0.00, 0.22, 0.29
HSL	63°, 21%, 63%
HSV	63°, 22%, 71%
XYZ	39.4891, 44.0306, 31.6168
YIQ	174.9560, 11.3270, -12.5530

# Conversions

## Conversions Part 2

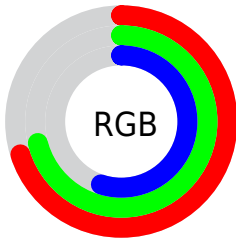
<b>Format</b>	<b>Color</b>
<b>RYB</b>	141, 180, 143
Decimal	11711629
CIELab	72.25, -7.29, 19.71
CIELCh	72, 21.019, 110.296
Yxy	44.0306, 0.3430, 0.3824
Android (android.graphics.Color)	4289901709 (0xFFB2B48D)
YUV	174.9560, -16.7403, 2.6696
Hunter-Lab	66.3555, -9.8945, 18.1987

# Details

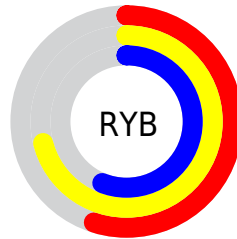
The Hex color **B2B48D** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **8F8DB4**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **EAEC3**, and **7D7F5B** is the 20% darker color. If you saturate the color by 10%, you get **B1B47B**, and if you desaturate by 10%, it is **B3B49F**.

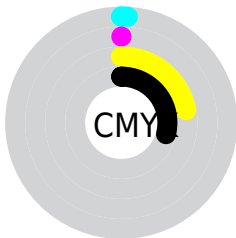
# Distribution



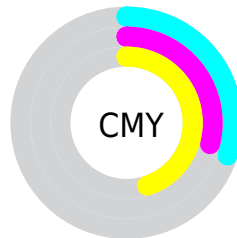
- Red (70%)
- Green (71%)
- Blue (55%)



- Red (55%)
- Yellow (71%)
- Blue (56%)



- Cyan (1%)
- Magenta (0%)
- Yellow (22%)
- Black (29%)



- Cyan (30%)
- Magenta (29%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2B48D 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 B2B48D by changing the saturation by 10% instead.





B2B48D



B2B48D

FFFFFF



979973



EAEC3



7D7F5B



FFFFDF



646643



FFFFFB



4B4E2C



343817



202200



000D00



000000



B2B48D



B2B48D

 B1B47B

 B3B49F

 B0B469

 B4B4B1

 AFB457

 B5B4C3

 AEB445

 B6B4D5

 ADB433

 B7B4E7

 ACB421

 B8B4F9

 ACB40F

 B8B4FF

 ABB400

 B9B4FF

 BAB4FF

# Harmonies

## Analogous

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



C6AE8C



B2B48D



9CB998

# Triad

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



B2B48D



80BACE



D4A4B8

# Complementary

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



B2B48D



8F8DB4

# 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.



C4A8CA



B2B48D



93B5D7

# Square

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



B2B48D



7DBCBE



ACAED5



D9A4A5

# Rectangle

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



B2B48D



8EBBA4



ACAED5



D0A5BF



# Sweetspot

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



B2B48D



EAEBDA



B48F8D



75756C



F5F5F5



757575

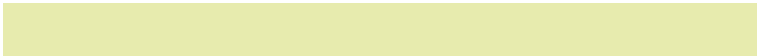


# Same Dimension

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



B2B48D



E7EBAE



9FB48D



595950



919900



181A00



# Inverse Universe

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



8F8DB4



B1AEEB



A28DB4



515059



080099



01001A



# Previews

## White Background



This preview shows how the Hex color B2B48D looks on a white background.

## Color Contrast Check

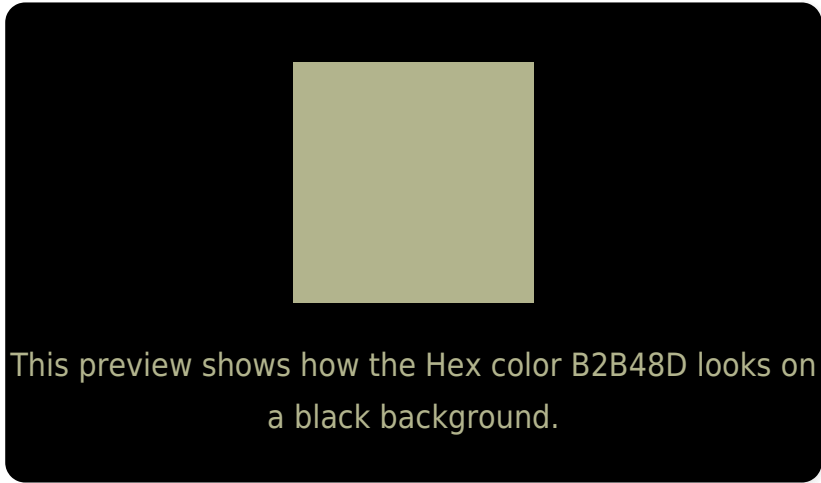
Large Text (above 18pt) WCAG AA × Fail

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

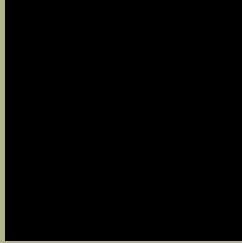
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

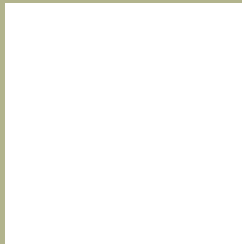
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B2B48D Background



This preview shows how black text looks on a background with the Hex color B2B48D.

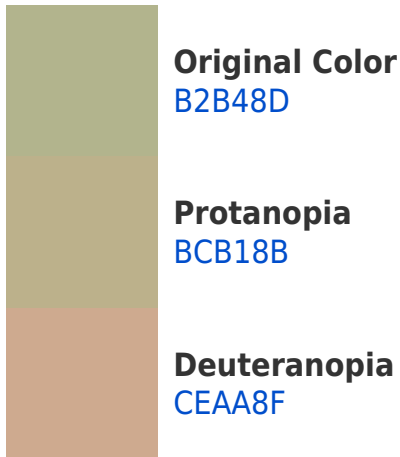


This preview shows how white text looks on a background with the Hex color B2B48D.

# 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



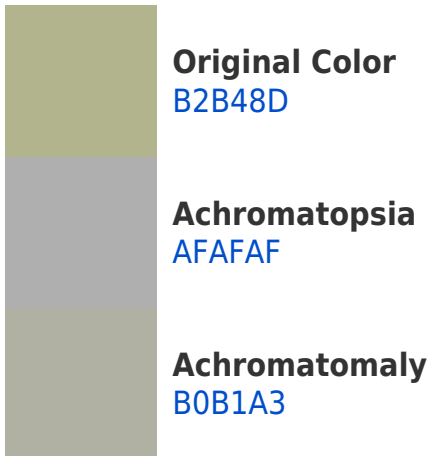


**Tritanopia**  
B8AEBB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2B48D 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 #B2B48D looks like.

```
.text, #text, p{  
    color:#B2B48D  
}
```

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 #B2B48D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2B48D
}
```

## Border

The CSS property to change the border of an element to Hex B2B48D 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
#B2B48D }
```

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

```
.border{ border-color:#B2B48D }
```

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

Here you see how a box with a 4 pixel #B2B48D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2B48D; -webkit-box-shadow:4px 4px  
4px 4px #B2B48D; box-shadow:4px 4px 4px  
4px #B2B48D }
```

# Background

The CSS property to change the background color of an element to Hex B2B48D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2B48D }
```

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

```
.background{ background-color:#B2B48D }
```

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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