

# Converting Colors

Hex(B2B28E)

Have a look what the booklet for  
Hex(B2B28E) contains.

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# **Color**

**Hex(B2B28E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2B28E
RGB	178, 178, 142
RGB Percent	70%, 70%, 56%
CMY	0.3020, 0.3020, 0.4431
CMYK	0.00, 0.00, 0.20, 0.30
HSL	60°, 19%, 63%
HSV	60°, 20%, 70%
XYZ	39.1630, 43.2588, 31.8769
YIQ	173.8960, 11.5560, -11.1960

# Conversions

## Conversions Part 2

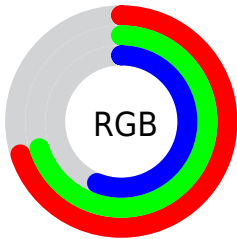
Format	Color
<a href="#">RYB</a>	<a href="#">142, 178, 142</a>
Decimal	<a href="#">11711118</a>
CIELab	<a href="#">71.73, -6.09, 18.46</a>
CIELCh	<a href="#">72, 19.435, 108.246</a>
Yxy	<a href="#">43.2588, 0.3426, 0.3785</a>
Android (android.graphics.Color)	<a href="#">4289901198 (0xFFB2B28E)</a>
YUV	<a href="#">173.8960, -15.7247, 3.5992</a>
Hunter-Lab	<a href="#">65.7714, -8.8137, 17.3044</a>

# Details

The Hex color **B2B28E** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **8E8EB2**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **EAEAC4**, and **7D7D5C** is the 20% darker color. If you saturate the color by 10%, you get **B2B27C**, and if you desaturate by 10%, it is **B2B2A0**.

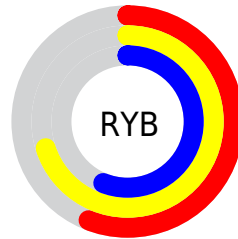
# Distribution



Red (70%)

Green (70%)

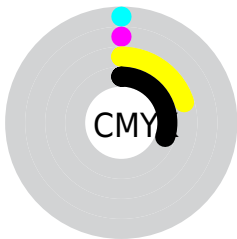
Blue (56%)



Red (56%)

Yellow (70%)

Blue (56%)

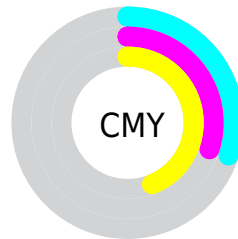


Cyan (0%)

Magenta (0%)

Yellow (20%)

Black (30%)



Cyan (30%)

Magenta (30%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2B28E 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 B2B28E by changing the saturation by 10% instead.





B2B28E



B2B28E

FFFFFF



979774



EAEAC4



7D7D5C



FFFFE0



646544



FFFFFC



4C4D2D



343618



202100



000B00



000000



B2B28E



B2B28E

 B2B27C

 B2B2A0

 B2B26A

 B2B2B2

 B2B259

 B2B2C3

 B2B247

 B2B2D5

 B2B235

 B2B2E7

 B2B223

 B2B2F9

 B2B211

 B2B2FF

 B2B200

# Harmonies

## Analogous

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



C4AC8D



B2B28E



9EB798

# Triad

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



B2B28E



83B8CA



CFA4B7

# Complementary

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



B2B28E



8E8EB2

# 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.



C0A8C7



B2B28E



93B3D2

# Square

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



B2B28E



80BABA



AAAED1



D5A4A5

# Rectangle

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



B2B28E



91B9A2



AAAED1



CBA5BD



# Sweetspot

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



B2B28E



E8E8DA



B28E8E



75756D



F5F5F5



757575



# Same Dimension

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



B2B28E



E8E8B0



A0B28E



595950



999900



1A1A00



# Inverse Universe

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



8E8EB2



B0B0E8



A08EB2



505059



000099



00001A



# Previews

## White Background



This preview shows how the Hex color B2B28E looks on a white background.

## Color Contrast Check

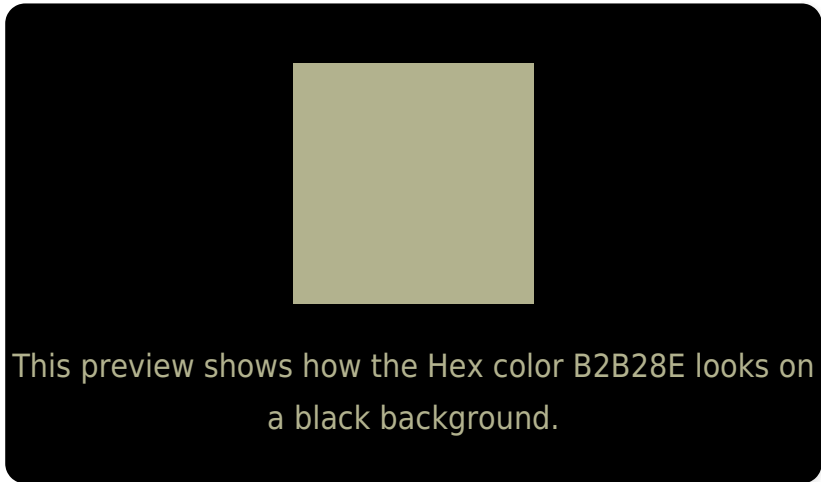
Large Text (above 18pt) WCAG AA × Fail

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

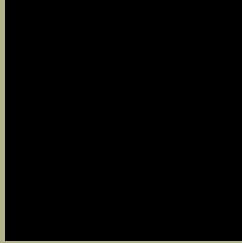
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

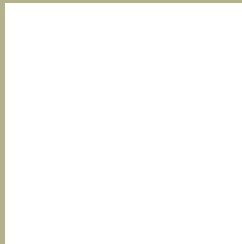
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B2B28E Background



This preview shows how black text looks on a background with the Hex color B2B28E.

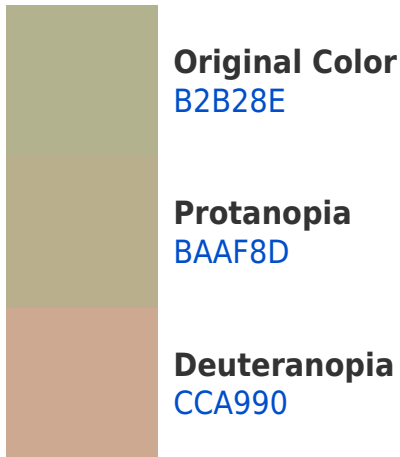


This preview shows how white text looks on a background with the Hex color B2B28E.

# 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](#).

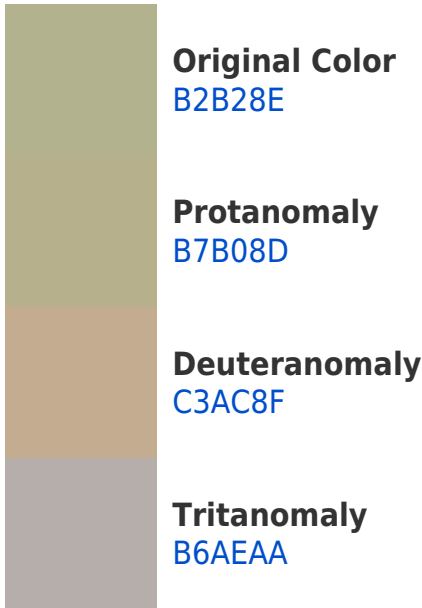
## Dichromacy





**Tritanopia**  
B8ACBA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2B28E 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 #B2B28E looks like.

```
.text, #text, p{  
    color:#B2B28E  
}
```

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 #B2B28E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2B28E
}
```

## Border

The CSS property to change the border of an element to Hex B2B28E 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
#B2B28E }
```

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

```
.border{ border-color:#B2B28E }
```

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

Here you see how a box with a 4 pixel #B2B28E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2B28E; -webkit-box-shadow:4px 4px  
4px 4px #B2B28E; box-shadow:4px 4px 4px  
4px #B2B28E }
```

# Background

The CSS property to change the background color of an element to Hex B2B28E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2B28E }
```

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

```
.background{ background-color:#B2B28E }
```

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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