

# Converting Colors

Hex(B2B797)

Have a look what the booklet for  
Hex(B2B797) contains.

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# **Color**

**Hex(B2B797)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2B797
RGB	178, 183, 151
RGB Percent	70%, 72%, 59%
CMY	0.3020, 0.2824, 0.4078
CMYK	0.03, 0.00, 0.17, 0.28
HSL	69°, 18%, 65%
HSV	69°, 17%, 72%
XYZ	40.8795, 45.5663, 35.9188
YIQ	177.8570, 7.2920, -11.0120

# Conversions

## Conversions Part 2

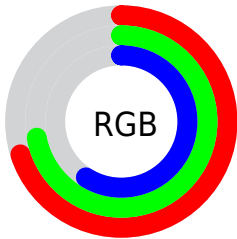
<b>Format</b>	<b>Color</b>
<b>RYB</b>	151, 183, 156
Decimal	11712407
CIELab	73.26, -7.33, 15.71
CIELCh	73, 17.338, 115.027
Yxy	45.5663, 0.3341, 0.3724
Android (android.graphics.Color)	4289902487 (0xFFB2B797)
YUV	177.8570, -13.2405, 0.1254
Hunter-Lab	67.5028, -10.0309, 15.7033

# Details

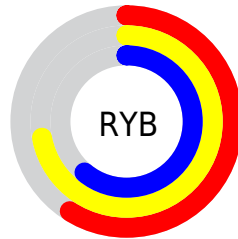
The Hex color **B2B797** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **9C97B7**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **EAEFCD**, and **7D8264** is the 20% darker color. If you saturate the color by 10%, you get **AFB785**, and if you desaturate by 10%, it is **B5B7A9**.

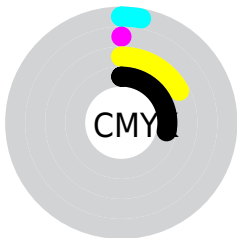
# Distribution



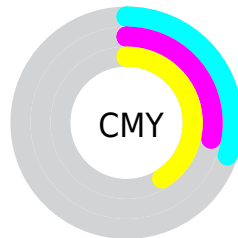
- Red (70%)
- Green (72%)
- Blue (59%)



- Red (59%)
- Yellow (72%)
- Blue (61%)



- Cyan (3%)
- Magenta (0%)
- Yellow (17%)
- Black (28%)



- Cyan (30%)
- Magenta (28%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2B797 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 B2B797 by changing the saturation by 10% instead.





B2B797



B2B797

FFFFFF



979C7D



EAEFCD



7D8264



FFFEEA



64694C



4C5135



353A20



202409



001000



000000



B2B797



B2B797

 AFB785

 B5B7A9

 ACB772

 B8B7BC

 A9B760

 BBB7CE

 A7B74E

 BDB7E0

 A4B73B

 C0B7F3

 A1B729

 C3B7FF

 9EB717

 C6B7FF

 9BB705

 C9B7FF

 9AB700

 CCB7FF

# Harmonies

## Analogous

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



C3B295



B2B797



A0BBA1

# Triad

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



B2B797



8FBACD



D2A9B7

# Complementary

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



B2B797



9C97B7

# 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.



C6ACC6



B2B797



9FB6D3

# Square

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



B2B797



8ABDC1



B4B1D1



D5AAA7

# Rectangle

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



B2B797



95BDAB



B4B1D1



CFAABD



# Sweetspot

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



B2B797



EBEDE1



B79C97



777871



F7F7F7



787878



# Same Dimension

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



B2B797



E5EDBB



A2B797



5A5C53



839C00



181C00



# Inverse Universe

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



9C97B7



C3BBED



AC97B7



54535C



18009C

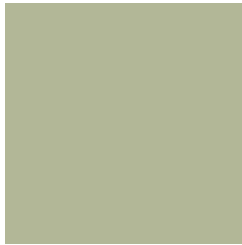


04001C



# Previews

## White Background



This preview shows how the Hex color B2B797 looks on a white background.

## Color Contrast Check

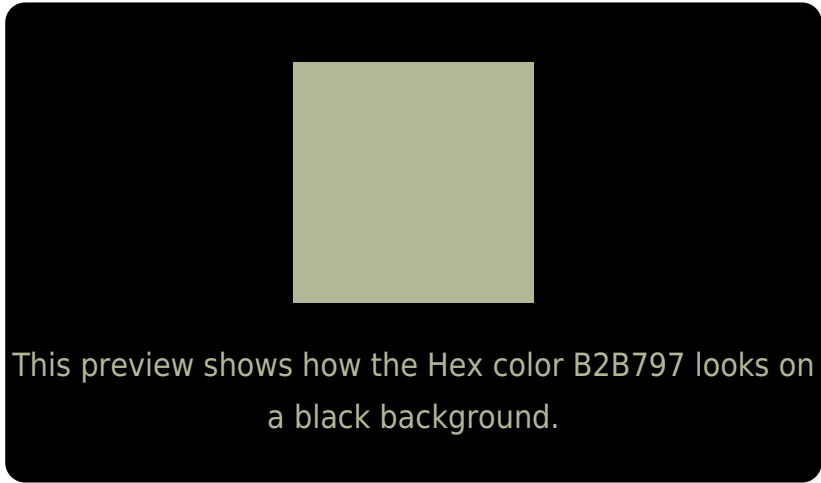
Large Text (above 18pt) WCAG AA × Fail

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

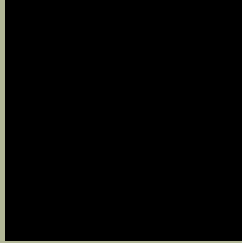
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

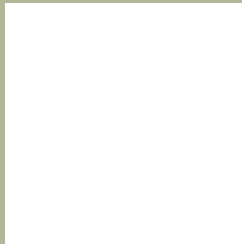
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B2B797 Background



This preview shows how black text looks on a background with the Hex color B2B797.

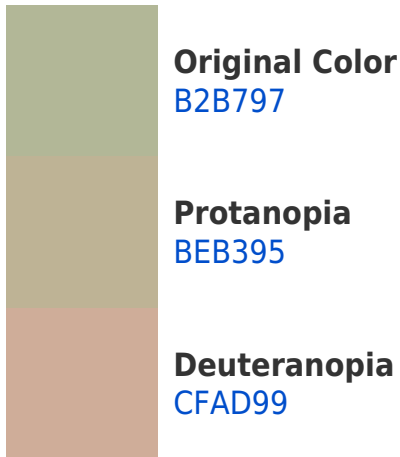


This preview shows how white text looks on a background with the Hex color B2B797.

# 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](#).

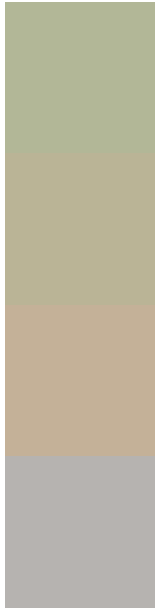
## Dichromacy





**Tritanopia**  
B8B1BF

# Trichromacy



**Original Color**  
B2B797

**Protanomaly**  
BAB496

**Deuteranomaly**  
C4B198

**Tritanomaly**  
B6B3B0

# Monochromacy



**Original Color**  
B2B797

**Achromatopsia**  
B2B2B2

**Achromatomaly**  
B2B4A8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2B797 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 #B2B797 looks like.

```
.text, #text, p{  
    color:#B2B797  
}
```

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 #B2B797 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2B797
}
```

## Border

The CSS property to change the border of an element to Hex B2B797 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
#B2B797 }
```

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

```
.border{ border-color:#B2B797 }
```

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

Here you see how a box with a 4 pixel #B2B797 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2B797; -webkit-box-shadow:4px 4px  
4px 4px #B2B797; box-shadow:4px 4px 4px  
4px #B2B797 }
```

# Background

The CSS property to change the background color of an element to Hex B2B797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2B797 }
```

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

```
.background{ background-color:#B2B797 }
```

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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