

# Converting Colors

Hex(B3B78C)

Have a look what the booklet for  
Hex(B3B78C) contains.

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# **Color**

**Hex(B3B78C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B3B78C
RGB	179, 183, 140
RGB Percent	70%, 72%, 55%
CMY	0.2980, 0.2824, 0.4510
CMYK	0.02, 0.00, 0.23, 0.28
HSL	66°, 23%, 63%
HSV	66°, 23%, 72%
XYZ	40.2575, 45.3441, 31.4414
YIQ	176.9020, 11.4190, -14.2210

# Conversions

## Conversions Part 2

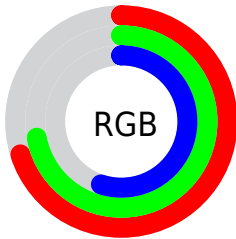
Format	Color
<b>RYB</b>	140, 183, 144
Decimal	11777932
CIELab	73.12, -8.63, 21.46
CIELCh	73, 23.129, 111.914
Yxy	45.3441, 0.3440, 0.3874
Android (android.graphics.Color)	4289968012 (0xFFB3B78C)
YUV	176.9020, -18.1927, 1.8399
Hunter-Lab	67.3380, -11.1268, 19.4530

# Details

The Hex color **B3B78C** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **908CB7**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **EBEFC2**, and **7E825A** is the 20% darker color. If you saturate the color by 10%, you get **B1B77A**, and if you desaturate by 10%, it is **B5B79E**.

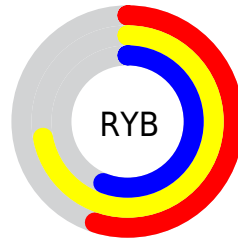
# Distribution



Red (70%)

Green (72%)

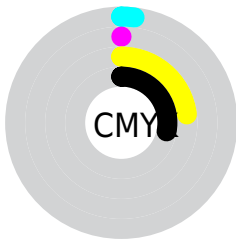
Blue (55%)



Red (55%)

Yellow (72%)

Blue (56%)

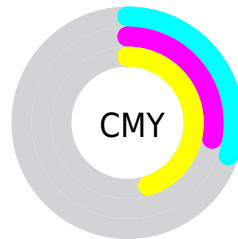


Cyan (2%)

Magenta (0%)

Yellow (23%)

Black (28%)



Cyan (30%)

Magenta (28%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B3B78C 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 B3B78C by changing the saturation by 10% instead.



 B3B78C

 B3B78C

FFFFFF

 989C72

 EBEFC2

 7E825A

 FFFFDE

 656942

 FFFFFA

 4C512B

 353A16

 202400

 001000

 000000

 B3B78C

 B3B78C

 B1B77A

 B5B79E

 B0B767

 B6B7B1

 AEB755

 B8B7C3

 ACB743

 BAB7D5

 AAB731

 BCB7E8

 A9B71E

 BDB7FA

 A7B70C

 BFB7FF

 A6B700

 C1B7FF

 C2B7FF

# Harmonies

## Analogous

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



C9B08A



B3B78C



9BBC99

# Triad

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



B3B78C



7DBDD4



DAA5BA

# Complementary

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



B3B78C



908CB7

# 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.



C9A9CE



B3B78C



93B7DD

# Square

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



B3B78C



78BFC2



B0B0DB



DFA5A5

# Rectangle

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



B3B78C



8BBFA6



B0B0DB



D6A6C1



# Sweetspot

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



B3B78C



ECEDDD



B7908C



77786E



F7F7F7



787878



# Same Dimension

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



B3B78C



E7EDAB



9EB78C



5B5C53



8D9C00



191C00



# Inverse Universe

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



908CB7



B1ABED



A58CB7



53535C



0E009C



03001C



# Previews

## White Background



This preview shows how the Hex color B3B78C looks on a white background.

## Color Contrast Check

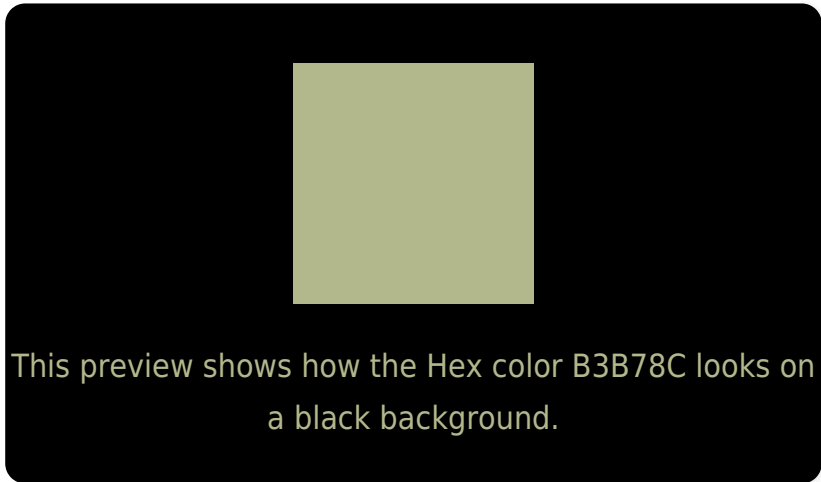
Large Text (above 18pt) WCAG AA × Fail

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

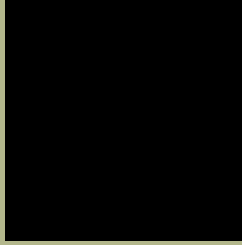
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

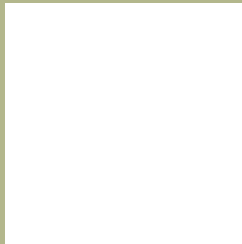
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B3B78C Background



This preview shows how black text looks on a background with the Hex color B3B78C.



This preview shows how white text looks on a background with the Hex color B3B78C.

# 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





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B3B78C 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 #B3B78C looks like.

```
.text, #text, p{  
    color:#B3B78C  
}
```

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 #B3B78C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3B78C
}
```

## Border

The CSS property to change the border of an element to Hex B3B78C 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
#B3B78C }
```

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

```
.border{ border-color:#B3B78C }
```

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

Here you see how a box with a 4 pixel #B3B78C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3B78C; -webkit-box-shadow:4px 4px  
4px 4px #B3B78C; box-shadow:4px 4px 4px  
4px #B3B78C }
```

# Background

The CSS property to change the background color of an element to Hex B3B78C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3B78C }
```

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

```
.background{ background-color:#B3B78C }
```

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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