

# Converting Colors

Hex(B2B78F)

Have a look what the booklet for  
Hex(B2B78F) contains.

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# **Color**

**Hex(B2B78F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2B78F
RGB	178, 183, 143
RGB Percent	70%, 72%, 56%
CMY	0.3020, 0.2824, 0.4392
CMYK	0.03, 0.00, 0.22, 0.28
HSL	68°, 22%, 64%
HSV	68°, 22%, 72%
XYZ	40.2515, 45.3151, 32.6118
YIQ	176.9450, 9.8600, -13.5000

# Conversions

## Conversions Part 2

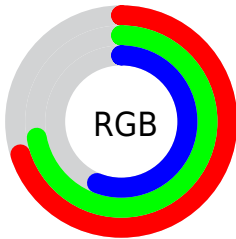
Format	Color
<a href="#">RYB</a>	<a href="#">143, 183, 148</a>
Decimal	<a href="#">11712399</a>
CIELab	<a href="#">73.10, -8.57, 19.80</a>
CIELCh	<a href="#">73, 21.579, 113.397</a>
Yxy	<a href="#">45.3151, 0.3406, 0.3834</a>
Android (android.graphics.Color)	<a href="#">4289902479 (0xFFB2B78F)</a>
YUV	<a href="#">176.9450, -16.7349, 0.9252</a>
Hunter-Lab	<a href="#">67.3165, -11.0709, 18.3982</a>

# Details

The Hex color **B2B78F** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **948FB7**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **EAEFC5**, and **7D825C** is the 20% darker color. If you saturate the color by 10%, you get **B0B77D**, and if you desaturate by 10%, it is **B4B7A1**.

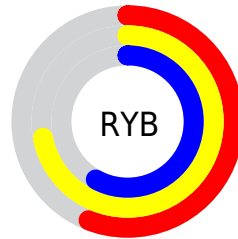
# Distribution



Red (70%)

Green (72%)

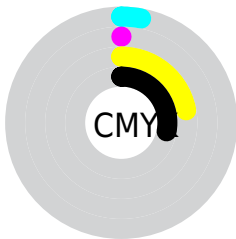
Blue (56%)



Red (56%)

Yellow (72%)

Blue (58%)

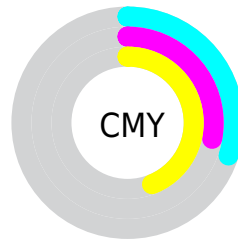


Cyan (3%)

Magenta (0%)

Yellow (22%)

Black (28%)



Cyan (30%)

Magenta (28%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2B78F 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 B2B78F by changing the saturation by 10% instead.





B2B78F



B2B78F

FFFFFF



979C75



EAEFC5



7D825C



FFFFE1



646945

FFFFFFE



4B512E



343A19



202400



001000



000000



B2B78F



B2B78F

 B0B77D

 B4B7A1

 ADB76A

 B7B7B4

 ABB758

 B9B7C6

 A9B746

 BBB7D8

 A7B733

 BDB7EB

 A4B721

 C0B7FD

 A2B70F

 C2B7FF

 A0B700

 C4B7FF

 C7B7FF

# Harmonies

## Analogous

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



C7B18C



B2B78F



9BBC9B

# Triad

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



B2B78F



82BCD2



D8A6B9

# Complementary

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



B2B78F



948FB7

# 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.



C9AACB



B2B78F



97B7DA

# Square

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



B2B78F



7DBFC2



B1B0D8



DCA6A5

# Rectangle

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



B2B78F



8DBEA8



B1B0D8



D4A7BF



# Sweetspot

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



B2B78F



EBEDDD



B7948F



77786E



F7F7F7



787878



# Same Dimension

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



B2B78F



E5EDAF



9EB78F



5B5C53



889C00



191C00



# Inverse Universe

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



948FB7



B7AFED



A88FB7



54535C



13009C



04001C



# Previews

## White Background



This preview shows how the Hex color B2B78F looks on a white background.

## Color Contrast Check

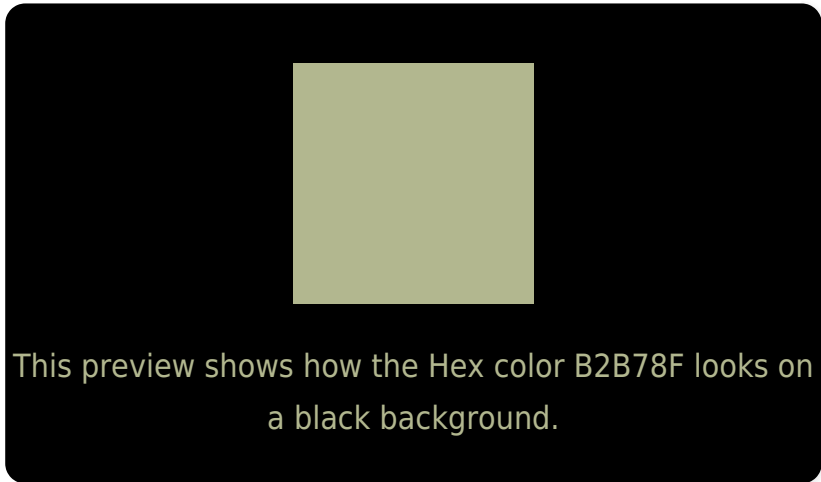
Large Text (above 18pt) WCAG AA × Fail

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

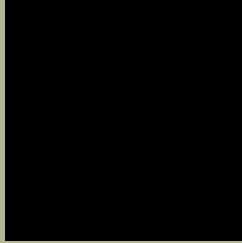
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B2B78F Background



This preview shows how black text looks on a background with the Hex color B2B78F.

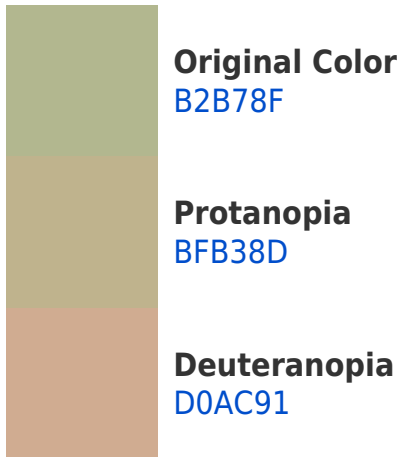


This preview shows how white text looks on a background with the Hex color B2B78F.

# 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](#).

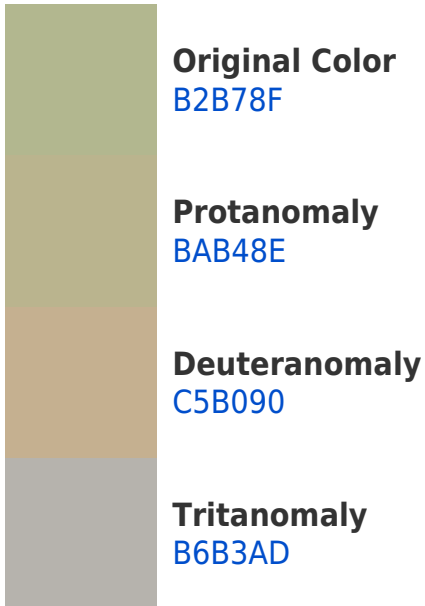
## Dichromacy



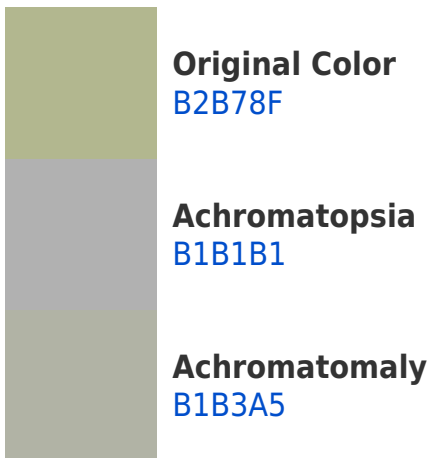


**Tritanopia**  
B8B1BE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2B78F 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 #B2B78F looks like.

```
.text, #text, p{  
    color:#B2B78F  
}
```

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 #B2B78F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2B78F
}
```

## Border

The CSS property to change the border of an element to Hex B2B78F 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
#B2B78F }
```

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

```
.border{ border-color:#B2B78F }
```

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

Here you see how a box with a 4 pixel #B2B78F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2B78F; -webkit-box-shadow:4px 4px  
4px 4px #B2B78F; box-shadow:4px 4px 4px  
4px #B2B78F }
```

# Background

The CSS property to change the background color of an element to Hex B2B78F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2B78F }
```

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

```
.background{ background-color:#B2B78F }
```

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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