

Converting Colors

Hex(B3B7A2)

Have a look what the booklet for
Hex(B3B7A2) contains.

Hex(B3B7A2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B3B7A2)

Conversions

Conversions Part 1

Format	Color
Hex	B3B7A2
RGB	179, 183, 162
RGB Percent	70%, 72%, 64%
CMY	0.2980, 0.2824, 0.3647
CMYK	0.02, 0.00, 0.11, 0.28
HSL	71°, 13%, 68%
HSV	71°, 11%, 72%
XYZ	42.0455, 46.0593, 40.8567
YIQ	179.4100, 4.3570, -7.3790

Conversions

Conversions Part 2

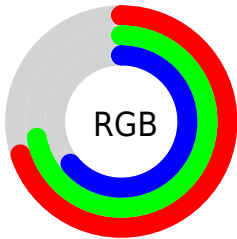
Format	Color
RYB	162, 183, 166
Decimal	11777954
CIELab	73.58, -5.16, 10.20
CIELCh	74, 11.432, 116.845
Yxy	46.0593, 0.3260, 0.3572
Android (android.graphics.Color)	4289968034 (0xFFB3B7A2)
YUV	179.4100, -8.5831, -0.3596
Hunter-Lab	67.8670, -8.1816, 11.8136

Details

The Hex color **B3B7A2** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **A6A2B7**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **EBEFD9**, and **7E826E** is the 20% darker color. If you saturate the color by 10%, you get **B0B790**, and if you desaturate by 10%, it is **B6B7B4**.

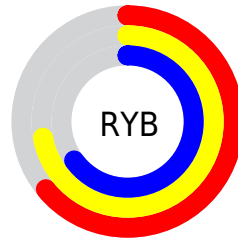
Distribution



Red (70%)

Green (72%)

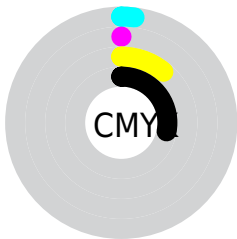
Blue (64%)



Red (64%)

Yellow (72%)

Blue (65%)

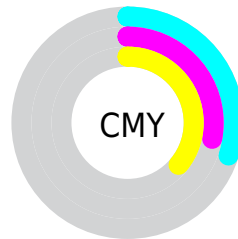


Cyan (2%)

Magenta (0%)

Yellow (11%)

Black (28%)



Cyan (30%)

Magenta (28%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3B7A2 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 B3B7A2 by changing the saturation by 10% instead.



B3B7A2



B3B7A2

FFFFFF



989C88



EBEFD9



7E826E



FFFFFF5



656956



4D513F



363A29



212414



071000



000000



B3B7A2



B3B7A2

 B0B790

 B6B7B4

 ACB77D

 BAB7C7

 A9B76B

 BDB7D9

 A5B759

 C1B7EB

 A2B747

 C4B7FD

 9EB734

 C8B7FF

 9BB722

 CBB7FF

 97B710

 CFB7FF

 94B700

 D2B7FF

Harmonies

Analogous

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



BFB4A0



B3B7A2



A7BAA9

Triad

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



B3B7A2



9EB9C6



C9AEB6

Complementary

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



B3B7A2



A6A2B7

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.



C2AFC0



B3B7A2



A8B6C9

Square

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



B3B7A2



9ABBBE



B6B2C7



CBAEAC

Rectangle

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



B3B7A2



A0BBB0



B6B2C7



C7AEBA

Sweetspot

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



B3B7A2



ECEDE6



B7A6A2



777873



F7F7F7



787878

Same Dimension

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



B3B7A2



E7EDCC



A9B7A2



5A5C53



7E9C00



171C00

Inverse Universe

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



A6A2B7



D2CCED



B0A2B7



54535C



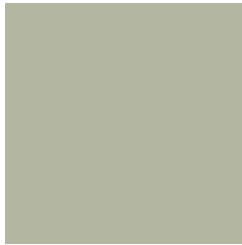
1E009C



05001C

Previews

White Background



This preview shows how the Hex color B3B7A2 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



This preview shows how the Hex color B3B7A2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

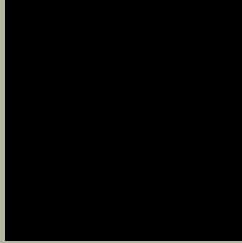
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

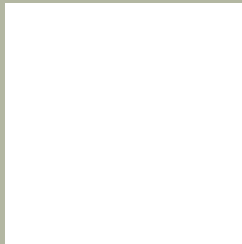
Any Text WCAG AAA ✓ Pass

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

Hex B3B7A2 Background



This preview shows how black text looks on a background with the Hex color B3B7A2.

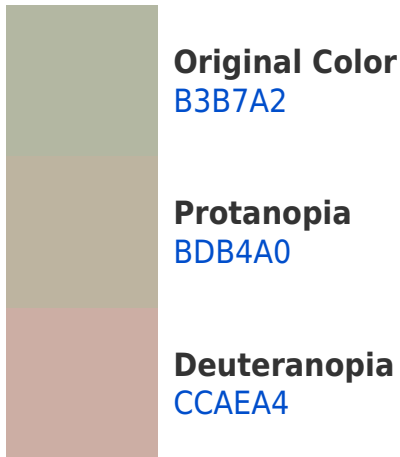


This preview shows how white text looks on a background with the Hex color B3B7A2.

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](#).

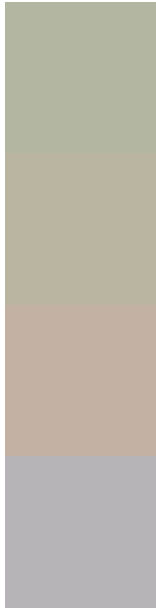
Dichromacy





Tritanopia
B7B3C1

Trichromacy



Original Color
B3B7A2

Protanomaly
B9B5A1

Deuteranomaly
C3B1A3

Tritanomaly
B6B4B6

Monochromacy



Original Color
B3B7A2

Achromatopsia
B3B3B3

Achromatomaly
B3B4AD

CSS Examples

Text

The CSS property to change the color of the text to Hex B3B7A2 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 #B3B7A2 looks like.

```
.text, #text, p{  
    color:#B3B7A2  
}
```

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 #B3B7A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3B7A2
}
```

Border

The CSS property to change the border of an element to Hex B3B7A2 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
#B3B7A2 }
```

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

```
.border{ border-color:#B3B7A2 }
```

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

Here you see how a box with a 4 pixel #B3B7A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3B7A2; -webkit-box-shadow:4px 4px  
4px 4px #B3B7A2; box-shadow:4px 4px 4px  
4px #B3B7A2 }
```

Background

The CSS property to change the background color of an element to Hex B3B7A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3B7A2 }
```

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

```
.background{ background-color:#B3B7A2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor