

# Converting Colors

Hex(B2B4A6)

Have a look what the booklet for  
Hex(B2B4A6) contains.

<b>Hex(B2B4A6)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(B2B4A6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2B4A6
RGB	178, 180, 166
RGB Percent	70%, 71%, 65%
CMY	0.3020, 0.2941, 0.3490
CMYK	0.01, 0.00, 0.08, 0.29
HSL	69°, 9%, 68%
HSV	69°, 8%, 71%
XYZ	41.5643, 44.8607, 42.5447
YIQ	177.8060, 3.3020, -4.7780

# Conversions

## Conversions Part 2

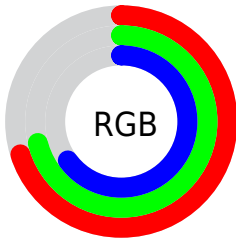
<b>Format</b>	<b>Color</b>
<b>RYB</b>	166, 180, 168
Decimal	11711654
CIELab	72.80, -3.24, 6.89
CIELCh	73, 7.614, 115.206
Yxy	44.8607, 0.3223, 0.3478
Android (android.graphics.Color)	4289901734 (0xFFB2B4A6)
YUV	177.8060, -5.8204, 0.1701
Hunter-Lab	66.9781, -6.4408, 9.2235

# Details

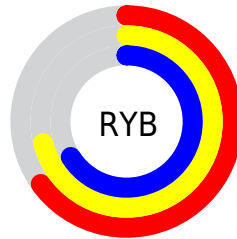
The Hex color **B2B4A6** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **A8A6B4**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **EAECDD**, and **7D7F72** is the 20% darker color. If you saturate the color by 10%, you get **AFB494**, and if you desaturate by 10%, it is **B5B4B8**.

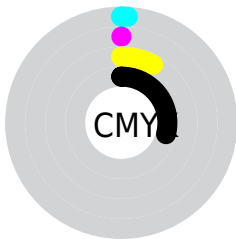
# Distribution



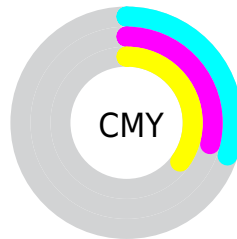
- Red (70%)
- Green (71%)
- Blue (65%)



- Red (65%)
- Yellow (71%)
- Blue (66%)



- Cyan (1%)
- Magenta (0%)
- Yellow (8%)
- Black (29%)



- Cyan (30%)
- Magenta (29%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2B4A6 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 B2B4A6 by changing the saturation by 10% instead.





B2B4A6



B2B4A6

FFFFFF



97998C



EAECDD



7D7F72



FFFFA



64665A



4C4E42



36382C



202218



070C00



000000



B2B4A6



B2B4A6

 AFB494

 B5B4B8

 ADB482

 B7B4CA

 AAB470

 BAB4DC

 A8B45E

 BCB4EE

 A5B44C

 BFB4FF

 A3B43A

 C1B4FF

 A0B428

 C4B4FF

 9DB416

 C7B4FF

 9BB404

 C9B4FF

# Harmonies

## Analogous

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



BAB2A5



B2B4A6



AAB6AB

# Triad

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



B2B4A6



A4B6BE



C0AEB4

# Complementary

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



B2B4A6



A8A6B4

# 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.



**BBAFBB**



**B2B4A6**



**AAB4C0**

# Square

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



B2B4A6



A2B7B8



B3B1BF



C2AEAD

# Rectangle

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



**B2B4A6**



**A6B7AF**



**B3B1BF**



**BFAEB6**



# Sweetspot

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



B2B4A6



EAEBE6



B4A8A6



757573



F5F5F5



757575



# Same Dimension

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



B2B4A6



E8EBD5



ABB4A6



585950



839900



161A00



# Inverse Universe

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



A8A6B4



D9D5EB



AFA6B4



525059



160099

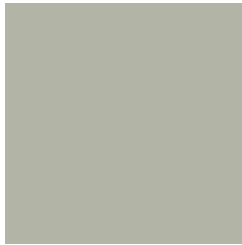


04001A



# Previews

## White Background



This preview shows how the Hex color B2B4A6 looks on a white background.

## Color Contrast Check

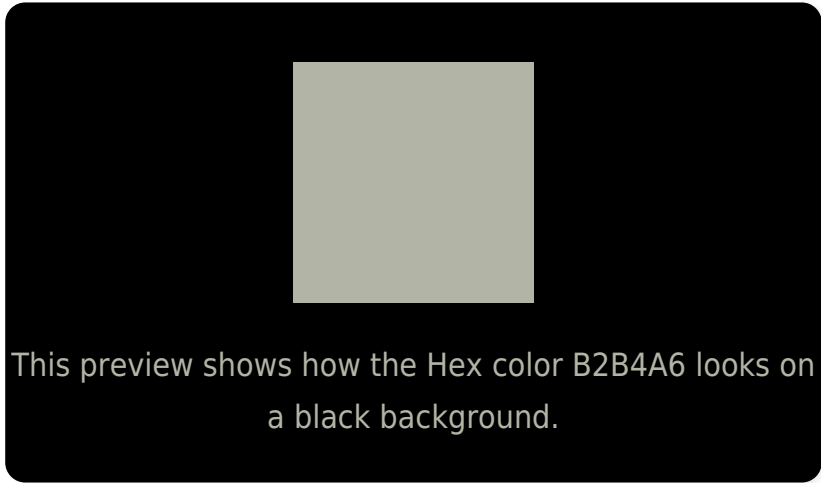
Large Text (above 18pt) WCAG AA × Fail

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

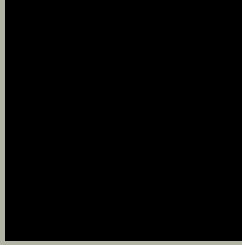
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

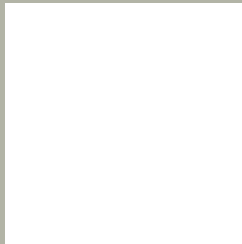
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B2B4A6 Background



This preview shows how black text looks on a background with the Hex color B2B4A6.

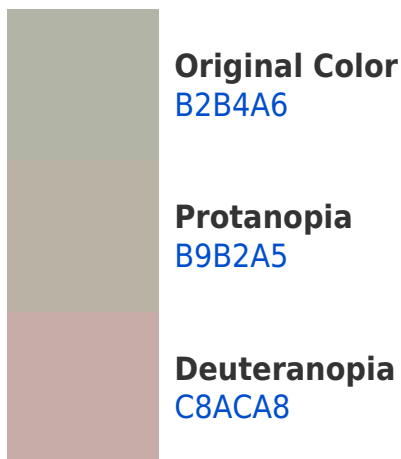



This preview shows how white text looks on a background with the Hex color B2B4A6.

# 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**  
B6B0BE

# Trichromacy



**Original Color**  
B2B4A6

**Protanomaly**  
B6B3A5

**Deuteranomaly**  
C0AFA7

**Tritanomaly**  
B5B1B5

# Monochromacy



**Original Color**  
B2B4A6

**Achromatopsia**  
B2B2B2

**Achromatomaly**  
B2B3AE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2B4A6 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 #B2B4A6 looks like.

```
.text, #text, p{  
    color:#B2B4A6  
}
```

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 #B2B4A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2B4A6  
}
```

## Border

The CSS property to change the border of an element to Hex B2B4A6 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".

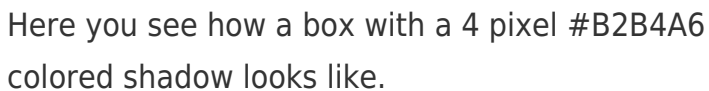
```
.border, #border, table{ border:4px solid  
#B2B4A6 }
```

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

```
.border{ border-color:#B2B4A6 }
```

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

Here you see how a box with a 4 pixel #B2B4A6 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2B4A6; -webkit-box-shadow:4px 4px  
4px 4px #B2B4A6; box-shadow:4px 4px 4px  
4px #B2B4A6 }
```

# Background

The CSS property to change the background color of an element to Hex B2B4A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2B4A6 }
```

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

```
.background{ background-color:#B2B4A6 }
```

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