

# Converting Colors

Hex(B2B4A9)

Have a look what the booklet for  
Hex(B2B4A9) contains.

<b>Hex(B2B4A9)</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(B2B4A9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2B4A9
RGB	178, 180, 169
RGB Percent	70%, 71%, 66%
CMY	0.3020, 0.2941, 0.3373
CMYK	0.01, 0.00, 0.06, 0.29
HSL	71°, 7%, 68%
HSV	71°, 6%, 71%
XYZ	41.8428, 44.9721, 44.0112
YIQ	178.1480, 2.3390, -3.8450

# Conversions

## Conversions Part 2

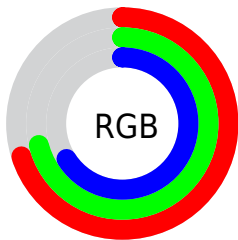
Format	Color
<b>RYB</b>	169, 180, 171
Decimal	11711657
CIELab	72.87, -2.71, 5.35
CIELCh	73, 6.002, 116.873
Yxy	44.9721, 0.3198, 0.3438
Android (android.graphics.Color)	4289901737 (0xFFB2B4A9)
YUV	178.1480, -4.5100, -0.1298
Hunter-Lab	67.0612, -5.9822, 8.0317

# Details

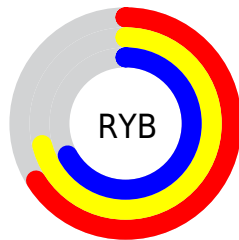
The Hex color **B2B4A9** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **ABA9B4**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **EAECE0**, and **7D7F75** is the 20% darker color. If you saturate the color by 10%, you get **AFB497**, and if you desaturate by 10%, it is **B5B4BB**.

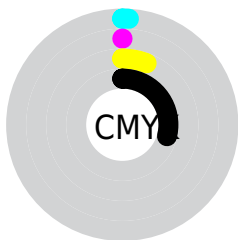
# Distribution



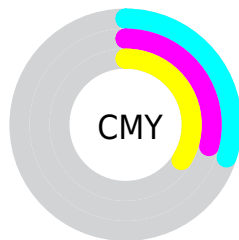
- Red (70%)
- Green (71%)
- Blue (66%)



- Red (66%)
- Yellow (71%)
- Blue (67%)



- Cyan (1%)
- Magenta (0%)
- Yellow (6%)
- Black (29%)



- Cyan (30%)
- Magenta (29%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2B4A9 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 B2B4A9 by changing the saturation by 10% instead.



 B2B4A9

 B2B4A9

FFFFFF

 97998F

 EAECE0

 7D7F75

FFFFFFD

 64665C

 4D4E45

 36382F

 20221A

 090C00

 000000

 B2B4A9

 B2B4A9

 AFB497

 B5B4BB

 ABB485

 B9B4CD

 A8B473

 BCB4DF

 A5B461

 BFB4F1

 A2B44F

 C2B4FF

 9EB43D

 C6B4FF

 9BB42B

 C9B4FF

 98B419

 CCB4FF

 95B407

 CFB4FF

# Harmonies

## Analogous

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



B8B2A8



B2B4A9



ACB5AD

# Triad

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



B2B4A9



A8B5BC



BEAFB4

# Complementary

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



B2B4A9



ABA9B4

# 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.



BAB0B9



B2B4A9



ADB3BE

# Square

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



B2B4A9



A6B6B8



B3B2BD



BFAFAE

# Rectangle

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



B2B4A9



A8B6B0



B3B2BD



BDAFB5



# Sweetspot

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



B2B4A9



EAEBE6



B4ABA9



757573



F5F5F5



757575



# Same Dimension

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



B2B4A9



E8EBDA



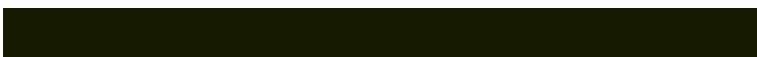
ADB4A9



585952



7D9900



151A00



# Inverse Universe

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



ABA9B4



DDDAEB



B0A9B4



535259



1C0099



05001A



# Previews

## White Background



This preview shows how the Hex color B2B4A9 looks on a white background.

## Color Contrast Check

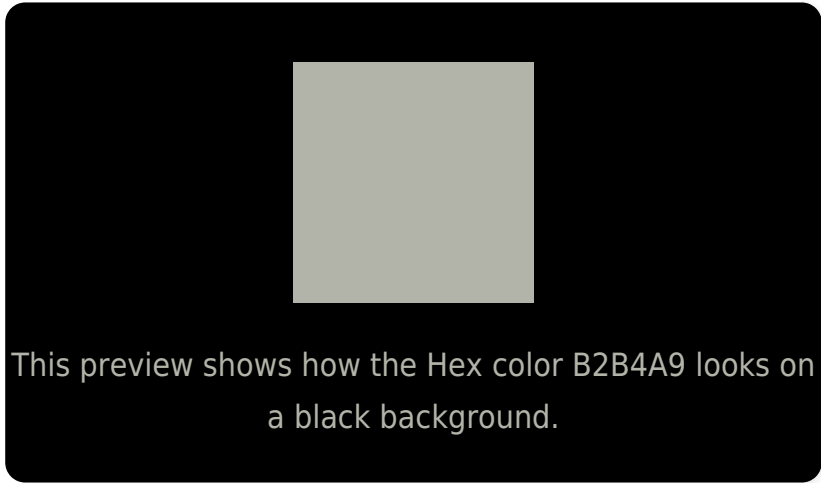
Large Text (above 18pt) WCAG AA × Fail

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

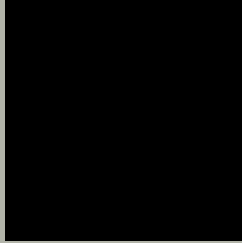
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

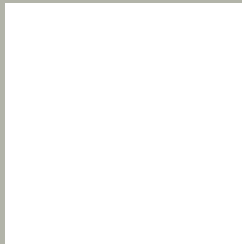
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B2B4A9 Background



This preview shows how black text looks on a background with the Hex color B2B4A9.

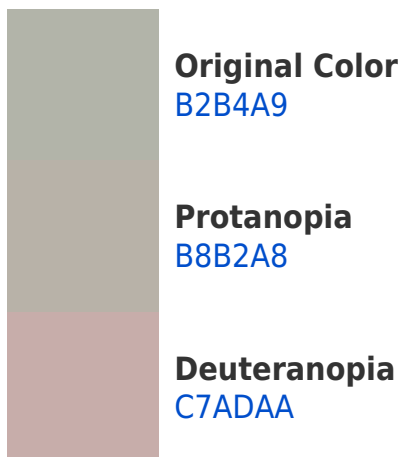


This preview shows how white text looks on a background with the Hex color B2B4A9.

# 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](#).

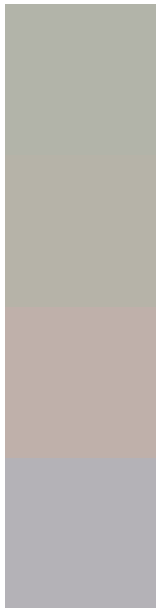
## Dichromacy





**Tritanopia**  
B5B1BF

# Trichromacy



**Original Color**  
B2B4A9

**Protanomaly**  
B6B3A8

**Deuteranomaly**  
BFB0AA

**Tritanomaly**  
B4B2B7

# Monochromacy



**Original Color**  
B2B4A9

**Achromatopsia**  
B2B2B2

**Achromatomaly**  
B2B3AF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2B4A9 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 #B2B4A9 looks like.

```
.text, #text, p{  
    color:#B2B4A9  
}
```

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 #B2B4A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2B4A9
}
```

## Border

The CSS property to change the border of an element to Hex B2B4A9 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
#B2B4A9 }
```

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

```
.border{ border-color:#B2B4A9 }
```

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

Here you see how a box with a 4 pixel #B2B4A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2B4A9; -webkit-box-shadow:4px 4px  
4px 4px #B2B4A9; box-shadow:4px 4px 4px  
4px #B2B4A9 }
```

# Background

The CSS property to change the background color of an element to Hex B2B4A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2B4A9 }
```

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

```
.background{ background-color:#B2B4A9 }
```

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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