

# Converting Colors

Hex(B5A7A9)

Have a look what the booklet for  
Hex(B5A7A9) contains.

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# **Color**

**Hex(B5A7A9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5A7A9
RGB	181, 167, 169
RGB Percent	71%, 65%, 66%
CMY	0.2902, 0.3451, 0.3373
CMYK	0.00, 0.08, 0.07, 0.29
HSL	351°, 9%, 68%
HSV	351°, 8%, 71%
XYZ	40.0362, 40.3258, 43.2096
YIQ	171.4140, 7.7020, 3.5900

# Conversions

## Conversions Part 2

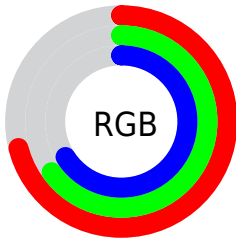
<b>Format</b>	<b>Color</b>
<b>RYB</b>	181, 167, 169
Decimal	11904937
CIELab	69.70, 5.41, 0.79
CIELCh	70, 5.464, 8.286
Yxy	40.3258, 0.3240, 0.3263
Android (android.graphics.Color)	4290095017 (0xFFB5A7A9)
YUV	171.4140, -1.1901, 8.4069
Hunter-Lab	63.5026, 1.4087, 4.1086

# Details

The Hex color **B5A7A9** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A7B5B3**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **EDDEE0**, and **807375** is the 20% darker color. If you saturate the color by 10%, you get **B59599**, and if you desaturate by 10%, it is **B5B9B9**.

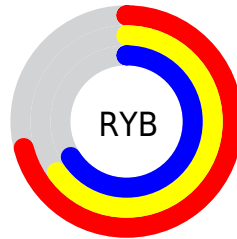
# Distribution



Red (71%)

Green (65%)

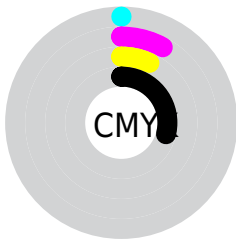
Blue (66%)



Red (71%)

Yellow (65%)

Blue (66%)

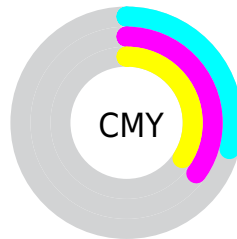


Cyan (0%)

Magenta (8%)

Yellow (7%)

Black (29%)



Cyan (29%)

Magenta (35%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5A7A9 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 B5A7A9 by changing the saturation by 10% instead.



 B5A7A9

 B5A7A9

FFFFFF

 9A8D8F

 EDDEE0

 807375

 FFFBFD

 675B5C

 4F4345

 382D2F

 22181A

 0B0000

 000000

 B5A7A9

 B5A7A9

 B59599

 B5B9B9

 B5838A

 B5CBC8

 B5717A

 B5DDD8

 B55F6B

 B5EFE7

 B54D5B

 B5FFF7

 B53A4C

 B5FFFF

 B5283C

 B5162D

 B5041D

# Harmonies

## Analogous

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



B2A7AE



B5A7A9



B5A7A4

# Triad

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



B5A7A9



A7ACA2



A2ACB3

# Complementary

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



B5A7A9



A7B5B3

# 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.



9FADB0



B5A7A9



A2ADA6

# Square

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



B5A7A9



ADAAA0



9FADAB



A7AAB4

# Rectangle

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



B5A7A9



B3A8A2



9FADAB



A0ACB2

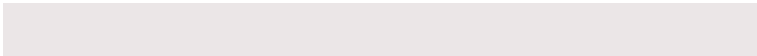


# Sweetspot

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



B5A7A9



EBE6E7



B3A7B5



757373



F5F5F5



757575



# Same Dimension

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



B5A7A9



EBD5D9



B5ACA7



595052



990016



1A0004



# Inverse Universe

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



B5A7A9



EBD5D9



A7B0B5



595052



990016

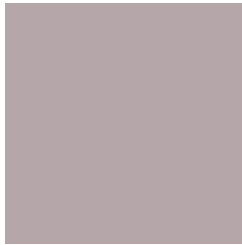


1A0004



# Previews

## White Background



This preview shows how the Hex color B5A7A9 looks on a white background.

## Color Contrast Check

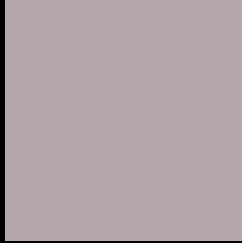
Large Text (above 18pt) WCAG AA × Fail

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 B5A7A9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

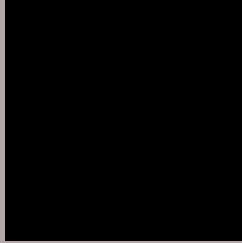
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B5A7A9 Background



This preview shows how black text looks on a background with the Hex color B5A7A9.



This preview shows how white text looks on a background with the Hex color B5A7A9.

# 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



**Original Color**  
B5A7A9

**Protanopia**  
ADA9AA

**Deuteranopia**  
BBA5A9



**Tritanopia**  
B6A6B3

# Trichromacy



**Original Color**  
B5A7A9

**Protanomaly**  
B0A8AA

**Deuteranomaly**  
B9A6A9

**Tritanomaly**  
B6A6AF

# Monochromacy



**Original Color**  
B5A7A9

**Achromatopsia**  
ABABAB

**Achromatomaly**  
AFAAAA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5A7A9 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 #B5A7A9 looks like.

```
.text, #text, p{  
    color:#B5A7A9  
}
```

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 #B5A7A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5A7A9
}
```

## Border

The CSS property to change the border of an element to Hex B5A7A9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

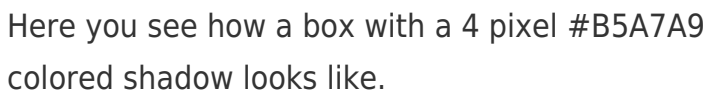
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B5A7A9 }
```

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

```
.border{ border-color:#B5A7A9 }
```

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



Here you see how a box with a 4 pixel #B5A7A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5A7A9; -webkit-box-shadow:4px 4px  
4px 4px #B5A7A9; box-shadow:4px 4px 4px  
4px #B5A7A9 }
```

# Background

The CSS property to change the background color of an element to Hex B5A7A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5A7A9 }
```

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

```
.background{ background-color:#B5A7A9 }
```

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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