

# Converting Colors

Hex(B4A6A7)

Have a look what the booklet for  
Hex(B4A6A7) contains.

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# **Color**

**Hex(B4A6A7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B4A6A7
RGB	180, 166, 167
RGB Percent	71%, 65%, 65%
CMY	0.2941, 0.3490, 0.3451
CMYK	0.00, 0.08, 0.07, 0.29
HSL	356°, 9%, 68%
HSV	356°, 8%, 71%
XYZ	39.4337, 39.7658, 42.1564
YIQ	170.3000, 8.0230, 3.2790

# Conversions

## Conversions Part 2

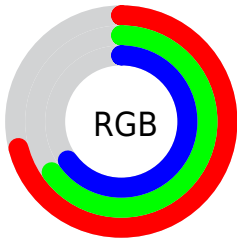
<b>Format</b>	<b>Color</b>
<b>RYB</b>	180, 166, 167
Decimal	11839143
CIELab	69.30, 5.24, 1.30
CIELCh	69, 5.395, 13.990
Yxy	39.7658, 0.3249, 0.3277
Android (android.graphics.Color)	4290029223 (0xFFB4A6A7)
YUV	170.3000, -1.6269, 8.5069
Hunter-Lab	63.0601, 1.2671, 4.5060

# Details

The Hex color **B4A6A7** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A6B4B3**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **ECDDDE**, and **7F7273** is the 20% darker color. If you saturate the color by 10%, you get **B49496**, and if you desaturate by 10%, it is **B4B8B8**.

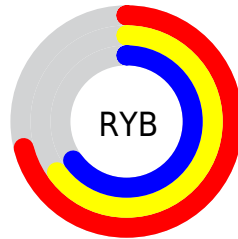
# Distribution



Red (71%)

Green (65%)

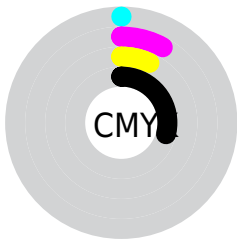
Blue (65%)



Red (71%)

Yellow (65%)

Blue (65%)

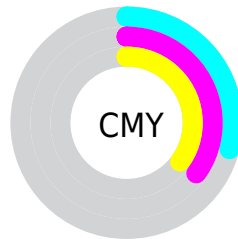


Cyan (0%)

Magenta (8%)

Yellow (7%)

Black (29%)



Cyan (29%)

Magenta (35%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B4A6A7 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 B4A6A7 by changing the saturation by 10% instead.





B4A6A7



B4A6A7

FFFFFF



998C8D



ECDDDE



7F7273



FFFAFB



665A5B



4E4243



372C2D



221818



060000



000000



B4A6A7



B4A6A7

 B49496

 B4B8B8

 B48286

 B4CAC8

 B47075

 B4DCD9

 B45E64

 B4EEEE

 B44C53

 B4FFFB

 B43A43

 B4FFFF

 B42832

 B41621

 B40411

# Harmonies

## Analogous

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



B2A6AC



B4A6A7



B3A7A3

# Triad

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



B4A6A7



A5ABA2



A2AAB2

# Complementary

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



B4A6A7



A6B4B3

# 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.



9EACB0



B4A6A7



A0ACA6

# Square

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



B4A6A7



ABAAA0



9EACAB



A7A9B3

# Rectangle

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



B4A6A7



B1A7A1



9EACAB



A0ABB2



# Sweetspot

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



B4A6A7



EBE6E6



B3A6B4



757373



F5F5F5



757575



# Same Dimension

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



B4A6A7



EBD5D7



B4ACA6



595051



99000B



1A0002



# Inverse Universe

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



B4A6A7



EBD5D7



A6AEB4



595051



99000B



1A0002



# Previews

## White Background



This preview shows how the Hex color B4A6A7 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 B4A6A7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

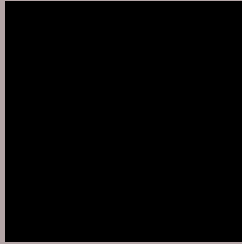
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B4A6A7 Background



This preview shows how black text looks on a background with the Hex color B4A6A7.



This preview shows how white text looks on a background with the Hex color B4A6A7.

# 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**  
B4A6A7

**Protanopia**  
ACA8A8

**Deuteranopia**  
BAA4A7



**Tritanopia**  
B5A4B1

# Trichromacy



**Original Color**  
B4A6A7

**Protanomaly**  
AFA7A8

**Deuteranomaly**  
B8A5A7

**Tritanomaly**  
B5A5AD

# Monochromacy



**Original Color**  
B4A6A7

**Achromatopsia**  
AAAAAA

**Achromatomaly**  
AEA9A9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B4A6A7 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 #B4A6A7 looks like.

```
.text, #text, p{  
    color:#B4A6A7  
}
```

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 #B4A6A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4A6A7
}
```

## Border

The CSS property to change the border of an element to Hex B4A6A7 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
#B4A6A7 }
```

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

```
.border{ border-color:#B4A6A7 }
```

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

Here you see how a box with a 4 pixel #B4A6A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4A6A7; -webkit-box-shadow:4px 4px  
4px 4px #B4A6A7; box-shadow:4px 4px 4px  
4px #B4A6A7 }
```

# Background

The CSS property to change the background color of an element to Hex B4A6A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4A6A7 }
```

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

```
.background{ background-color:#B4A6A7 }
```

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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