

# Converting Colors

Hex(BCAAC9)

Have a look what the booklet for  
Hex(BCAAC9) contains.

<b>Hex(BCAAC9)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(BCAAC9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BCAAC9
RGB	188, 170, 201
RGB Percent	74%, 67%, 79%
CMY	0.2627, 0.3333, 0.2118
CMYK	0.06, 0.15, 0.00, 0.21
HSL	275°, 22%, 73%
HSV	275°, 15%, 79%
XYZ	45.6564, 43.6579, 61.2788
YIQ	178.9160, 0.7770, 13.4570

# Conversions

## Conversions Part 2

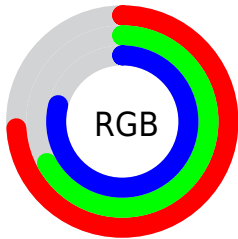
Format	Color
<b>RYB</b>	188, 170, 201
Decimal	12364489
CIELab	72.00, 12.28, -13.40
CIELCh	72, 18.175, 312.489
Yxy	43.6579, 0.3032, 0.2899
Android (android.graphics.Color)	4290554569 (0xFFBCAAC9)
YUV	178.9160, 10.8874, 7.9667
Hunter-Lab	66.0741, 7.7116, -8.7352

# Details

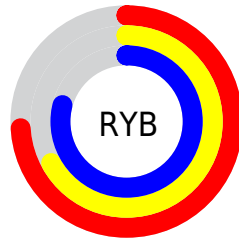
The Hex color **BCAAC9** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B7C9AA**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **F4E1FF**, and **877693** is the 20% darker color. If you saturate the color by 10%, you get **B496C9**, and if you desaturate by 10%, it is **C4BEC9**.

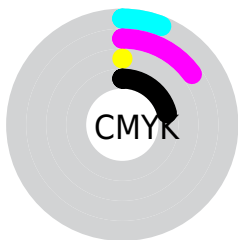
# Distribution



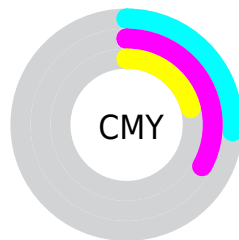
- Red (74%)
- Green (67%)
- Blue (79%)



- Red (74%)
- Yellow (67%)
- Blue (79%)



- Cyan (6%)
- Magenta (15%)
- Yellow (0%)
- Black (21%)



- Cyan (26%)
- Magenta (33%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BCAAC9 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 BCAAC9 by changing the saturation by 10% instead.



■ BCAAC9

■ BCAAC9

FFFFFF

■ A18FAE

■ F4E1FF

■ 877693

FFFEFF

■ 6D5D79

■ 554560

■ 3D2F49

■ 271A32

■ 14001D

■ 000000

■ BCAAC9

■ BCAAC9

 B496C9

 C4BEC9

 AB82C9

 CDD2C9

 A36EC9

 D5E6C9

 9A5AC9


 DEFAC9

 9246C9

 E6FFC9

 8931C9

 EFFFC9

 811DC9

 F7FFC9

 7909C9

 FFFFC9

 7500C9

# Harmonies

## Analogous

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



A7B0D1



BCAAC9



CCA6BB

# Triad

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



BCAAC9



C6AC91



86BAB7

# Complementary

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



BCAAC9



B7C9AA

# 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.



91B9A6



BCAAC9



B6B290

# Square

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



BCAAC9



D1A79B



A3B698



86B9C6

# Rectangle

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



BCAAC9



D2A5B0



A3B698



89BAB1



# Sweetspot

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



BCAAC9



FAF2FF



AAB7C9



7C7880



000000



808080



# Same Dimension

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



BCAAC9



EBCFFF



C9AAC7



5F5A63



5F00A3



150024



# Inverse Universe

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



C9AAB7



FFCFE3



AAC9AC



635A5E



A30044

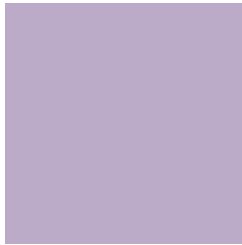


24000F



# Previews

## White Background



This preview shows how the Hex color BCAAC9 looks on a white background.

## Color Contrast Check

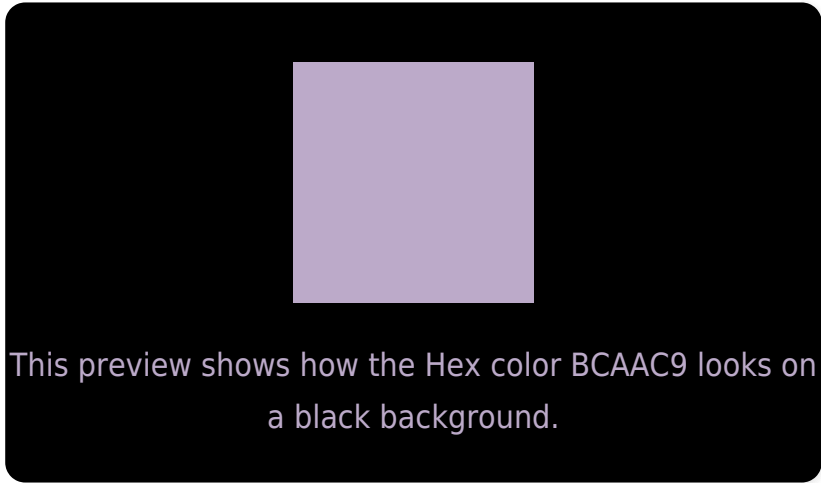
Large Text (above 18pt) WCAG AA × Fail

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

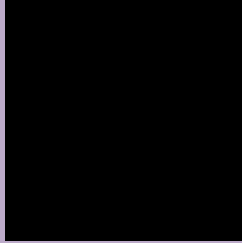
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BCAAC9 Background



This preview shows how black text looks on a background with the Hex color BCAAC9.

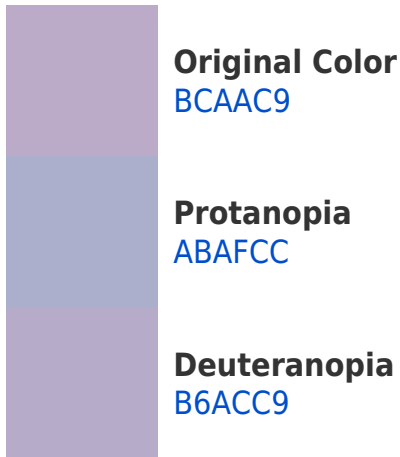


This preview shows how white text looks on a background with the Hex color BCAAC9.

# 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





# Trichromacy



**Original Color**  
BCAAC9

**Protanomaly**  
B1ADCB

**Deuteranomaly**  
B8ABC9

**Tritanomaly**  
BBACBF

# Monochromacy



**Original Color**  
BCAAC9

**Achromatopsia**  
B3B3B3

**Achromatomaly**  
B6B0BB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BCAAC9 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 #BCAAC9 looks like.

```
.text, #text, p{  
    color:#BCAAC9  
}
```

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 #BCAAC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCAAC9
}
```

## Border

The CSS property to change the border of an element to Hex BCAAC9 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
#BCAAC9 }
```

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

```
.border{ border-color:#BCAAC9 }
```

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

Here you see how a box with a 4 pixel #BCAAC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCAAC9; -webkit-box-shadow:4px 4px  
4px 4px #BCAAC9; box-shadow:4px 4px 4px  
4px #BCAAC9 }
```

# Background

The CSS property to change the background color of an element to Hex BCAAC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCAAC9 }
```

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

```
.background{ background-color:#BCAAC9 }
```

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