

# Converting Colors

Hex(BB96AE)

Have a look what the booklet for  
Hex(BB96AE) contains.

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# **Color**

**Hex(BB96AE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BB96AE
RGB	187, 150, 174
RGB Percent	73%, 59%, 68%
CMY	0.2667, 0.4118, 0.3176
CMYK	0.00, 0.20, 0.07, 0.27
HSL	321°, 21%, 66%
HSV	321°, 20%, 73%
XYZ	39.0398, 35.4335, 44.8261
YIQ	163.7990, 14.3480, 15.3080

# Conversions

## Conversions Part 2

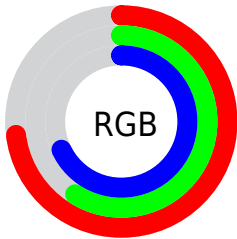
Format	Color
<b>RYB</b>	187, 150, 174
Decimal	12293806
CIELab	66.08, 17.86, -7.26
CIElCh	66, 19.277, 337.883
Yxy	35.4335, 0.3272, 0.2970
Android (android.graphics.Color)	4290483886 (0xFFBB96AE)
YUV	163.7990, 5.0291, 20.3473
Hunter-Lab	59.5260, 12.8978, -2.9802

# Details

The Hex color **BB96AE** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **96BBA3**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **F3CCE5**, and **85637A** is the 20% darker color. If you saturate the color by 10%, you get **BB83A7**, and if you desaturate by 10%, it is **BBA9B5**.

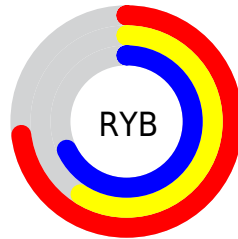
# Distribution



Red (73%)

Green (59%)

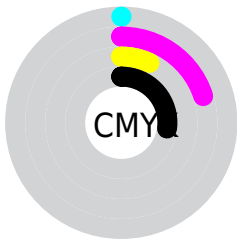
Blue (68%)



Red (73%)

Yellow (59%)

Blue (68%)

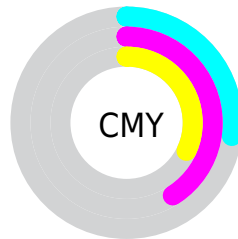


Cyan (0%)

Magenta (20%)

Yellow (7%)

Black (27%)



Cyan (27%)

Magenta (41%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BB96AE 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 BB96AE by changing the saturation by 10% instead.



 BB96AE

 BB96AE

FFFFFF

 A07C93

 F3CCE5

 85637A

 FFE9FF

 6C4B61

 533449

 3C1E33

 25081E

 020001

 000000

 BB96AE

 BB96AE

 BB83A7

 BBA9B5

 BB71A1

 BBBB5B

 BB5E9A

 BBCEC2

 BB4B94

 BBE1C8

 BB398D

 BBF4CF

 BB2687

 BBFFD5

 BB1380

 BBFFDC

 BB0079

 BBFFE3

 BBFFE9

# Harmonies

## Analogous

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



A99BBC



BB96AE



C4949D

# Triad

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



BB96AE



A9A17E



72A9B5

# Complementary

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



BB96AE



96BBA3

# 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.



74ABA5



BB96AE



96A685

# Square

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



BB96AE



B99B81



83A993



7DA6C0

# Rectangle

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



BB96AE



C49591



83A993



71AAB0



# Sweetspot

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



BB96AE



F2E4ED



A396BB



7A7277



FAFAFA



7A7A7A



# Same Dimension

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



BB96AE



F2B8DE



BB969C



5E555B



9E0067



1F0014



# Inverse Universe

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



BB96AE



F2B8DE



96BBB5



5E555B



9E0067

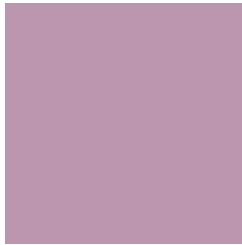


1F0014



# Previews

## White Background



This preview shows how the Hex color BB96AE looks on a white background.

## Color Contrast Check

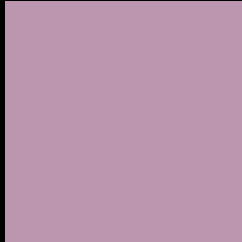
Large Text (above 18pt) WCAG AA × Fail

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 BB96AE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

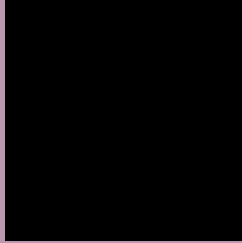
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BB96AE Background



This preview shows how black text looks on a background with the Hex color BB96AE.



This preview shows how white text looks on a background with the Hex color BB96AE.

# 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**  
BB96AE

**Protanopia**  
9EA0B4

**Deuteranopia**  
AB9CAD



**Tritanopia**  
BA98A4

# Trichromacy



**Original Color**  
BB96AE

**Protanomaly**  
A99CB2

**Deuteranomaly**  
B19AAD

**Tritanomaly**  
BA97A8

# Monochromacy



**Original Color**  
BB96AE

**Achromatopsia**  
A4A4A4

**Achromatomaly**  
AC9FA8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BB96AE 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 #BB96AE looks like.

```
.text, #text, p{  
    color:#BB96AE  
}
```

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 #BB96AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB96AE
}
```

## Border

The CSS property to change the border of an element to Hex BB96AE is called "border". The border property can be set on classes, ids or directly on the HTML element.

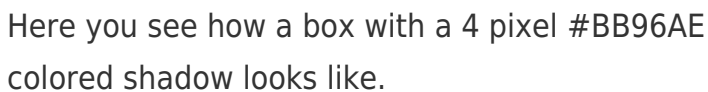
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BB96AE }
```

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

```
.border{ border-color:#BB96AE }
```

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



Here you see how a box with a 4 pixel #BB96AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB96AE; -webkit-box-shadow:4px 4px  
4px 4px #BB96AE; box-shadow:4px 4px 4px  
4px #BB96AE }
```

# Background

The CSS property to change the background color of an element to Hex BB96AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB96AE }
```

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

```
.background{ background-color:#BB96AE }
```

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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