

# Converting Colors

Hex(BF83A6)

Have a look what the booklet for  
Hex(BF83A6) contains.

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# **Color**

**Hex(BF83A6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BF83A6
RGB	191, 131, 166
RGB Percent	75%, 51%, 65%
CMY	0.2510, 0.4863, 0.3490
CMYK	0.00, 0.31, 0.13, 0.25
HSL	325°, 32%, 63%
HSV	325°, 31%, 75%
XYZ	36.4851, 30.0621, 39.9560
YIQ	152.9300, 24.5250, 23.6050

# Conversions

## Conversions Part 2

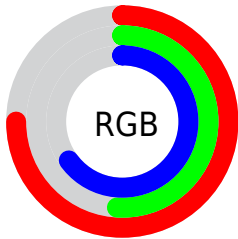
<b>Format</b>	<b>Color</b>
<b>RYB</b>	191, 131, 166
Decimal	12551078
CIELab	61.71, 28.43, -9.21
CIELCh	62, 29.888, 342.056
Yxy	30.0621, 0.3426, 0.2823
Android (android.graphics.Color)	4290741158 (0xFFBF83A6)
YUV	152.9300, 6.4435, 33.3874
Hunter-Lab	54.8290, 22.8294, -4.8267

# Details

The Hex color **BF83A6** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **83BF9C**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **F8B9DD**, and **895172** is the 20% darker color. If you saturate the color by 10%, you get **BF709E**, and if you desaturate by 10%, it is **BF96AE**.

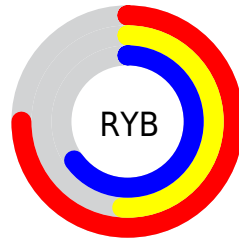
# Distribution



Red (75%)

Green (51%)

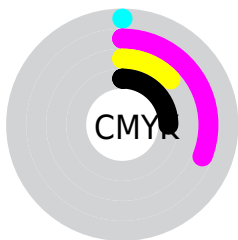
Blue (65%)



Red (75%)

Yellow (51%)

Blue (65%)

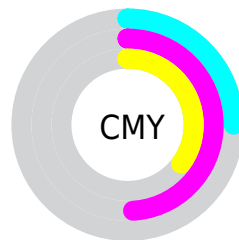


Cyan (0%)

Magenta (31%)

Yellow (13%)

Black (25%)



Cyan (25%)

Magenta (49%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BF83A6 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 BF83A6 by changing the saturation by 10% instead.



 BF83A6

 BF83A6

FFFFFF

 A3698C

 F8B9DD

 895172

 FFD5FA

 6E395A

 FFF1FF

 552142

 3D092C

 280018

 000000

 BF83A6

 BF83A6

 BF709E

 BF96AE

 BF5D96

 BFA9B6

 BF4A8E

 BFBCBE

 BF3786

 BFCFC6

 BF237E

 BFE3CE

 BF1076

 BFF6D6

 BF006F

 BFFFDE

 BFFFE6

 BFFFEE

# Harmonies

## Analogous

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



A68ABC



BF83A6



C9818B

# Triad

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



BF83A6



9D9761



3BA2B8

# Complementary

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



BF83A6



83BF9C

# 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.



42A49F



BF83A6



7F9E6D

# Square

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



BF83A6



B58E63



5FA284



599CC7

# Rectangle

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



BF83A6



C8837A



5FA284



39A3B0



# Sweetspot

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



BF83A6



F7E1EE



9C83BF



7D6F77



FCFCFC



7D7D7D



# Same Dimension

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



BF83A6



F799D0



BF8388



5E555A



9E005C



1F0012



# Inverse Universe

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



BF83A6



F799D0



83BFBA



5E555A



9E005C

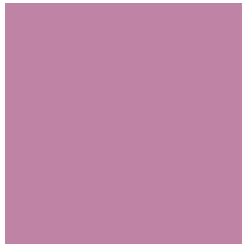


1F0012



# Previews

## White Background



This preview shows how the Hex color BF83A6 looks on a white background.

## Color Contrast Check

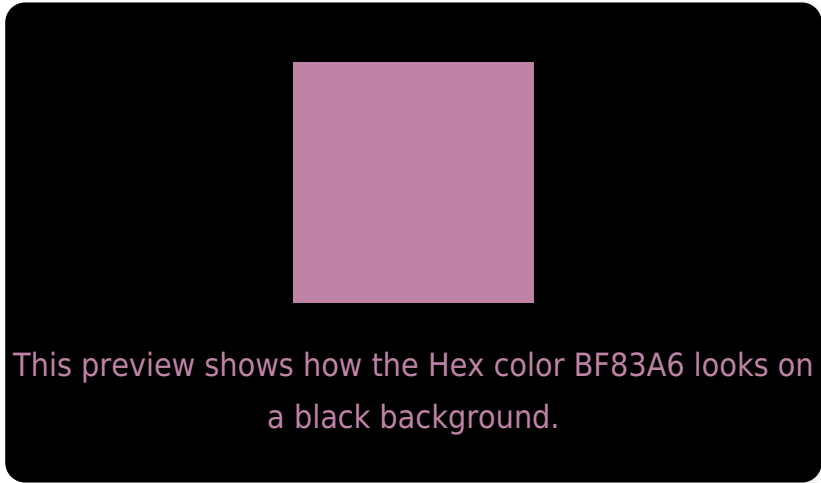
Large Text (above 18pt) WCAG AA × Fail

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 BF83A6 Background



This preview shows how black text looks on a background with the Hex color BF83A6.




This preview shows how white text looks on a background with the Hex color BF83A6.

# 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**  
BD8791

# Trichromacy



**Original Color**  
BF83A6

**Protanomaly**  
A18EAD

**Deuteranomaly**  
A98CA4

**Tritanomaly**  
BE8699

# Monochromacy



**Original Color**  
BF83A6

**Achromatopsia**  
999999

**Achromatomaly**  
A7919E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BF83A6 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 #BF83A6 looks like.

```
.text, #text, p{  
    color:#BF83A6  
}
```

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 #BF83A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF83A6
}
```

## Border

The CSS property to change the border of an element to Hex BF83A6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

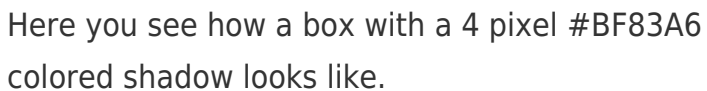
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BF83A6 }
```

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

```
.border{ border-color:#BF83A6 }
```

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

A rectangular box with a 4px purple shadow. The box is white with a thin purple border and a purple shadow. The shadow is a 4px wide, 4px high, 4px offset purple box. The text inside the box is "Here you see how a box with a 4 pixel #BF83A6 colored shadow looks like." The box is positioned in the middle of the page.

Here you see how a box with a 4 pixel #BF83A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF83A6; -webkit-box-shadow:4px 4px  
4px 4px #BF83A6; box-shadow:4px 4px 4px  
4px #BF83A6 }
```

# Background

The CSS property to change the background color of an element to Hex BF83A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF83A6 }
```

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

```
.background{ background-color:#BF83A6 }
```

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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