

# Converting Colors

Hex(BFB679)

Have a look what the booklet for  
Hex(BFB679) contains.

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# **Color**

**Hex(BFB679)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BFB679
RGB	191, 182, 121
RGB Percent	75%, 71%, 47%
CMY	0.2510, 0.2863, 0.5255
CMYK	0.00, 0.05, 0.37, 0.25
HSL	52°, 35%, 61%
HSV	52°, 37%, 75%
XYZ	41.6650, 45.9127, 24.7552
YIQ	177.7370, 24.9450, -17.0630

# Conversions

## Conversions Part 2

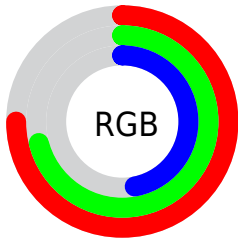
Format	Color
<a href="#">RYB</a>	<a href="#">131, 191, 121</a>
Decimal	<a href="#">12564089</a>
CIELab	<a href="#">73.49, -5.91, 32.22</a>
CIELCh	<a href="#">73, 32.761, 100.384</a>
Yxy	<a href="#">45.9127, 0.3709, 0.4087</a>
Android (android.graphics.Color)	<a href="#">4290754169 (0xFFBFB679)</a>
YUV	<a href="#">177.7370, -27.9713, 11.6317</a>
Hunter-Lab	<a href="#">67.7589, -8.8184, 25.7701</a>

# Details

The Hex color **BFB679** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **7982BF**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **F8EEAE**, and **888147** is the 20% darker color. If you saturate the color by 10%, you get **BFB466**, and if you desaturate by 10%, it is **BFB88C**.

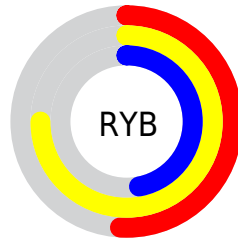
# Distribution



Red (75%)

Green (71%)

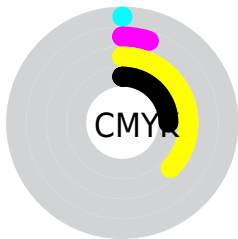
Blue (47%)



Red (51%)

Yellow (75%)

Blue (47%)

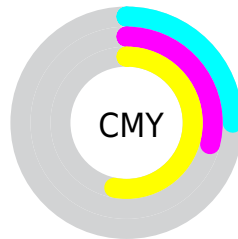


Cyan (0%)

Magenta (5%)

Yellow (37%)

Black (25%)



Cyan (25%)

Magenta (29%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BFB679 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 BFB679 by changing the saturation by 10% instead.



 BFB679

 BFB679

FFFFFF

 A39B60

 F8EEAE

 888147

 FFFPCA

 6E6830

 FFFFE6

 555019

 3C3900

 252400

 041000

 000000

 BFB679

 BFB679

 BFB466

 BFB88C

 BFB153

 BFBB9F

 BFAF40

 BFBDB2

 BFAC2D

 BFC0C5

 BFAA19

 BFC2D9

 BFA706

 BFC5EC

 BFA600

 BFC7FF

 BFCAFF

 BFCCFF

# Harmonies

## Analogous

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



DBAC7D



BFB679



9EBE86

# Triad

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



BFB679



52C3DA



E3A1C9

# Complementary

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



BFB679



7982BF

# 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.



C6A9E2



BFB679



6FBDEC

# Square

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



BFB679



5BC5BE



9CB4EF



F09EAB

# Rectangle

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



BFB679



86C296



9CB4EF



DBA3D3



# Sweetspot

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



BFB679



F7F4DC



BF7982



7D7B6D



FCFCFC



7D7D7D



# Same Dimension

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



BFB679



F7E98B



A5BF79



5E5D55



9E8A00



1F1B00



# Inverse Universe

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



7982BF



8B99F7



9379BF



55565E



00149E



00041F



# Previews

## White Background



This preview shows how the Hex color BFB679 looks on a white background.

## Color Contrast Check

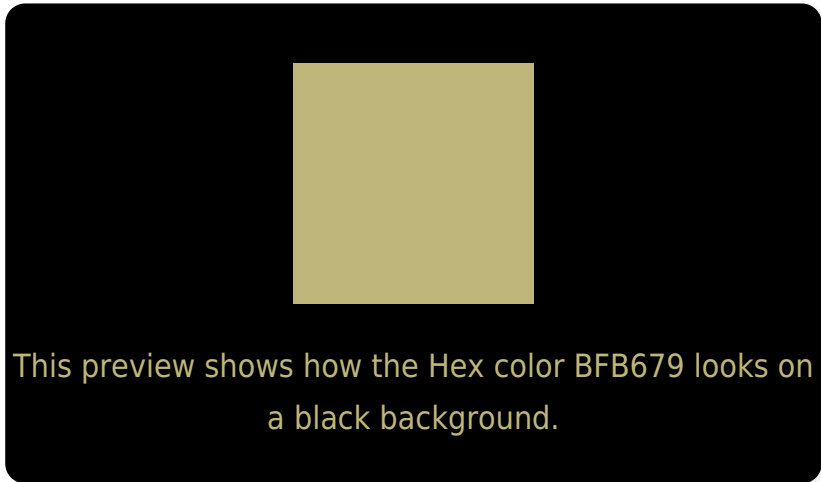
Large Text (above 18pt) WCAG AA × Fail

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

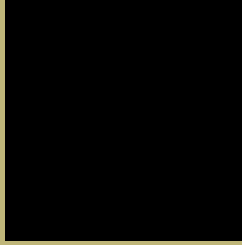
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BFB679 Background



This preview shows how black text looks on a background with the Hex color BFB679.



This preview shows how white text looks on a background with the Hex color BFB679.

# 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**  
BFB679

**Protanopia**  
C4B478

**Deuteranopia**  
D8AD7B



**Tritanopia**  
C7AEBB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BFB679 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 #BFB679 looks like.

```
.text, #text, p{  
    color:#BFB679  
}
```

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 #BFB679 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BFB679
}
```

## Border

The CSS property to change the border of an element to Hex BFB679 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
#BFB679 }
```

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

```
.border{ border-color:#BFB679 }
```

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

Here you see how a box with a 4 pixel #BFB679 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BFB679; -webkit-box-shadow:4px 4px  
4px 4px #BFB679; box-shadow:4px 4px 4px  
4px #BFB679 }
```

# Background

The CSS property to change the background color of an element to Hex BFB679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BFB679 }
```

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

```
.background{ background-color:#BFB679 }
```

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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