

# Converting Colors

Hex(BFC299)

Have a look what the booklet for  
Hex(BFC299) contains.

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# Color

**Hex(BFC299)**

# Conversions

Conversions Part 1	
Format	Color
Hex	BFC299
RGB	191, 194, 153
RGB Percent	75%, 76%, 60%
CMY	0.2510, 0.2392, 0.4000
CMYK	0.02, 0.00, 0.21, 0.24
HSL	64°, 25%, 68%
HSV	64°, 21%, 76%
XYZ	46.5274, 51.9598, 37.7140
YIQ	188.4290, 11.3730, -13.3870

# Conversions

## Conversions Part 2

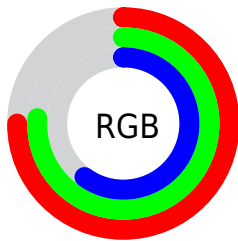
Format	Color
<a href="#">RYB</a>	<a href="#">153, 194, 156</a>
Decimal	<a href="#">12567193</a>
CIELab	<a href="#">77.26, -7.91, 20.33</a>
CIELCh	<a href="#">77, 21.815, 111.262</a>
Yxy	<a href="#">51.9598, 0.3416, 0.3815</a>
Android (android.graphics.Color)	<a href="#">4290757273</a> (0xFFBFC299)
YUV	<a href="#">188.4290, -17.4665, 2.2548</a>
Hunter-Lab	<a href="#">72.0832, -10.9295, 19.4376</a>

# Details

The Hex color **BFC299** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **9C99C2**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **F8FACF**, and **898C66** is the 20% darker color. If you saturate the color by 10%, you get **BEC286**, and if you desaturate by 10%, it is **C0C2AC**.

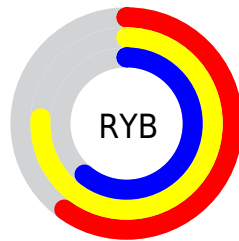
# Distribution



Red (75%)

Green (76%)

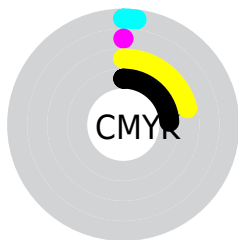
Blue (60%)



Red (60%)

Yellow (76%)

Blue (61%)

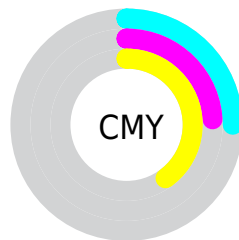


Cyan (2%)

Magenta (0%)

Yellow (21%)

Black (24%)



Cyan (25%)

Magenta (24%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BFC299 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 BFC299 by changing the saturation by 10% instead.



 BFC299

FFFFFF

 F8FACF

 FFFFEC

 BFC299

 A4A77F

 898C66

 70734E

 575A36

 3F4320

 292D0B

 121900

 000000

 BFC299

 BFC299

 BEC286

 C0C2AC

 BCC272

 C2C2C0

 BBC25F

 C3C2D3

 B9C24B

 C5C2E7

 B8C238

 C6C2FA

 B6C225

 C8C2FF

 B5C211

 C9C2FF

 B4C200

 CAC2FF

 CCC2FF

# Harmonies

## Analogous

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



D4BB97



BFC299



A8C7A5

# Triad

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



BFC299



8CC8DE



E4B1C6

# Complementary

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



BFC299



9C99C2

# 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.



D3B5D8



BFC299



A0C2E6

# Square

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



BFC299



88CACD



BBBCE4



E9B1B1

# Rectangle

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



BFC299



99C9B1



BBBCE4



DFB2CC



# Sweetspot

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



BFC299



FBFCED



C29C99



7F8077



000000



808080

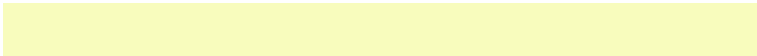


# Same Dimension

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



BFC299



F8FCBD



ABC299



606157



95A100



1F2100



# Inverse Universe

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



9C99C2



C2BDFC



B099C2



585761



0C00A1

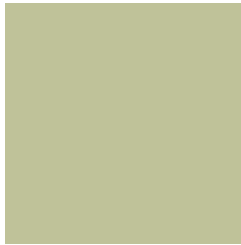


020021



# Previews

## White Background



This preview shows how the Hex color BFC299 looks on a white background.

## Color Contrast Check

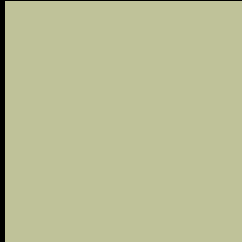
Large Text (above 18pt) WCAG AA × Fail

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 BFC299 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

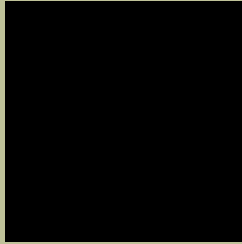
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

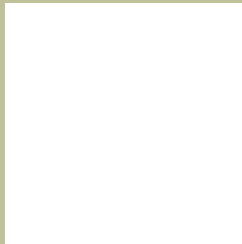
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BFC299 Background



This preview shows how black text looks on a background with the Hex color BFC299.



This preview shows how white text looks on a background with the Hex color BFC299.

# 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**  
BFC299

**Protanopia**  
CBBE97




**Deuteranopia**  
DDB79B



# Trichromacy

	<b>Original Color</b> BFC299
	<b>Protanomaly</b> C7BF98
	<b>Deuteranomaly</b> D2BB9A
	<b>Tritanomaly</b> C3BEB8

# Monochromacy

	<b>Original Color</b> BFC299
	<b>Achromatopsia</b> BCBCBC
	<b>Achromatomaly</b> BDBEAF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BFC299 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 #BFC299 looks like.

```
.text, #text, p{  
    color:#BFC299  
}
```

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 #BFC299 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BFC299
}
```

## Border

The CSS property to change the border of an element to Hex BFC299 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
#BFC299 }
```

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

```
.border{ border-color:#BFC299 }
```

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

Here you see how a box with a 4 pixel #BFC299 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BFC299; -webkit-box-shadow:4px 4px  
4px 4px #BFC299; box-shadow:4px 4px 4px  
4px #BFC299 }
```

# Background

The CSS property to change the background color of an element to Hex BFC299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BFC299 }
```

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

```
.background{ background-color:#BFC299 }
```

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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