

# Converting Colors

Hex(B7D29C)

Have a look what the booklet for  
Hex(B7D29C) contains.

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# **Color**

**Hex(B7D29C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B7D29C
RGB	183, 210, 156
RGB Percent	72%, 82%, 61%
CMY	0.2824, 0.1765, 0.3882
CMYK	0.13, 0.00, 0.26, 0.18
HSL	90°, 37%, 72%
HSV	90°, 26%, 82%
XYZ	48.5758, 58.5608, 40.1956
YIQ	195.7710, 1.2420, -22.5180

# Conversions

## Conversions Part 2

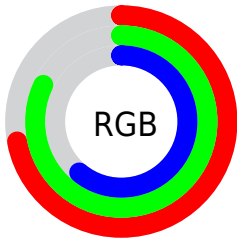
Format	Color
<a href="#">RYB</a>	<a href="#">156, 210, 183</a>
Decimal	<a href="#">12047004</a>
CIELab	<a href="#">81.05, -18.56, 23.85</a>
CIELCh	<a href="#">81, 30.223, 127.884</a>
Yxy	<a href="#">58.5608, 0.3297, 0.3975</a>
Android (android.graphics.Color)	<a href="#">4290237084</a> ( <a href="#">0xFFB7D29C</a> )
YUV	<a href="#">195.7710, -19.6071, -11.2002</a>
Hunter-Lab	<a href="#">76.5250, -20.6123, 22.4248</a>

# Details

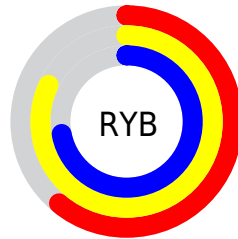
The Hex color **B7D29C** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B79CD2**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **EFFFD3**, and **819B68** is the 20% darker color. If you saturate the color by 10%, you get **ACD287**, and if you desaturate by 10%, it is **C2D2B1**.

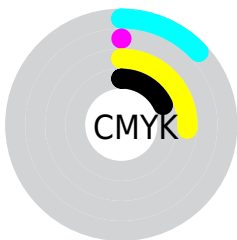
# Distribution



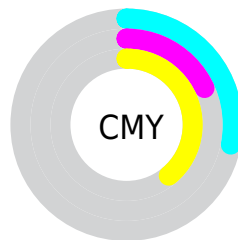
- Red (72%)
- Green (82%)
- Blue (61%)



- Red (61%)
- Yellow (82%)
- Blue (72%)



- Cyan (13%)
- Magenta (0%)
- Yellow (26%)
- Black (18%)



- Cyan (28%)
- Magenta (18%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B7D29C 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 B7D29C by changing the saturation by 10% instead.



 B7D29C

FFFFFF

 EFFFFD3

 FFFFEF

 B7D29C

 9CB682

 819B68

 688150

 4F6838

 375022

 21390C

 0B2300

 000700

 000000

 B7D29C

 B7D29C

 ACD287

 C2D2B1

 A2D272

 CCD2C6

 98D25D

 D7D2DB

 8DD248

 E1D2F0

 83D233

 EBD2FF

 78D21E

 F6D2FF

 6ED209

 FFD2FF

 69D200

# Harmonies

## Analogous

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



D6CA91



B7D29C



97D7B3

# Triad

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



B7D29C



8AD2FD



FFB5C3

# Complementary

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



B7D29C



B79CD2

# 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.



F4B7DF



B7D29C



B0C9FF

# Square

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



B7D29C



75D7EB



D7BFF6



FFB8A8

# Rectangle

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



B7D29C



83D9C6



D7BFF6



FFB5CC



# Sweetspot

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



B7D29C



F5FFEB



D2B79C



798073



000000



808080

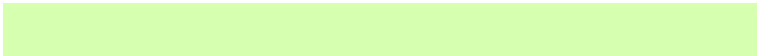


# Same Dimension

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



B7D29C



D7FFB0



9CD29C



63695E



54A800



142900



# Inverse Universe

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



B79CD2



D7B0FF



D29CD2



635E69



5400A8

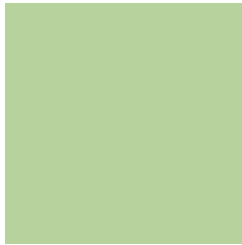


140029



# Previews

## White Background



This preview shows how the Hex color B7D29C looks on a white background.

## Color Contrast Check

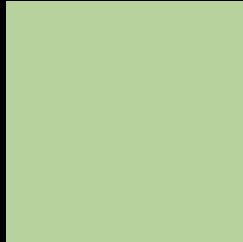
Large Text (above 18pt) WCAG AA × Fail

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 B7D29C looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

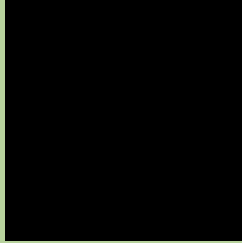
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B7D29C Background



This preview shows how black text looks on a background with the Hex color B7D29C.

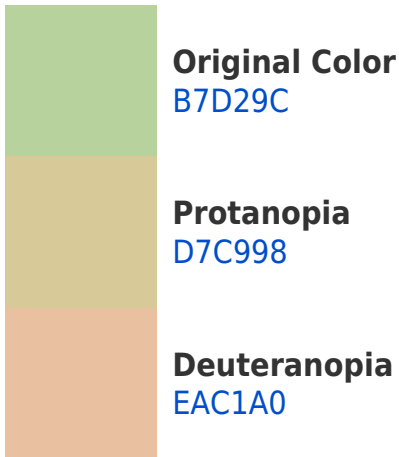


This preview shows how white text looks on a background with the Hex color B7D29C.

# 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



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B7D29C 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 #B7D29C looks like.

```
.text, #text, p{  
    color:#B7D29C  
}
```

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 #B7D29C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7D29C
}
```

## Border

The CSS property to change the border of an element to Hex B7D29C 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
#B7D29C }
```

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

```
.border{ border-color:#B7D29C }
```

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

Here you see how a box with a 4 pixel #B7D29C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7D29C; -webkit-box-shadow:4px 4px  
4px 4px #B7D29C; box-shadow:4px 4px 4px  
4px #B7D29C }
```

# Background

The CSS property to change the background color of an element to Hex B7D29C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7D29C }
```

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

```
.background{ background-color:#B7D29C }
```

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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