

# Converting Colors

Hex(BCD29F)

Have a look what the booklet for  
Hex(BCD29F) contains.

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# **Color**

**Hex(BCD29F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BCD29F
RGB	188, 210, 159
RGB Percent	74%, 82%, 62%
CMY	0.2627, 0.1765, 0.3765
CMYK	0.10, 0.00, 0.24, 0.18
HSL	86°, 36%, 72%
HSV	86°, 24%, 82%
XYZ	50.0436, 59.2878, 41.6070
YIQ	197.6080, 3.2590, -20.5250

# Conversions

## Conversions Part 2

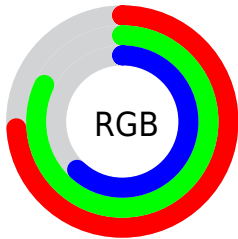
<b>Format</b>	<b>Color</b>
<b>RYB</b>	159, 210, 181
Decimal	12374687
CIELab	81.45, -16.30, 22.88
CIELCh	81, 28.093, 125.456
Yxy	59.2878, 0.3316, 0.3928
Android (android.graphics.Color)	4290564767 (0xFFBCD29F)
YUV	197.6080, -19.0337, -8.4262
Hunter-Lab	76.9985, -18.7350, 21.8610

# Details

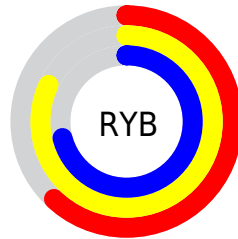
The Hex color **BCD29F** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **B59FD2**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **F5FFD6**, and **869B6B** is the 20% darker color. If you saturate the color by 10%, you get **B3D28A**, and if you desaturate by 10%, it is **C5D2B4**.

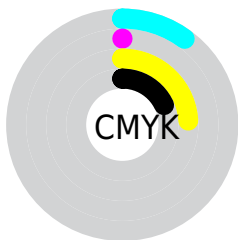
# Distribution



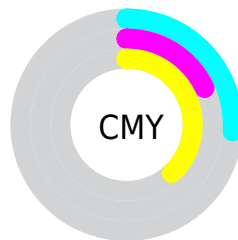
- Red (74%)
- Green (82%)
- Blue (62%)



- Red (62%)
- Yellow (82%)
- Blue (71%)



- Cyan (10%)
- Magenta (0%)
- Yellow (24%)
- Black (18%)



- Cyan (26%)
- Magenta (18%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BCD29F 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 BCD29F by changing the saturation by 10% instead.



 BCD29F

FFFFFF

 F5FFD6

 FFFFF2

 BCD29F

 A1B685


 869B6B

 6D8153

 54683B

 3C5025

 25390F

 112300

 000A00

 000000

 BCD29F

 BCD29F

 B3D28A

 C5D2B4

 AAD275

 CED2C9

 A1D260

 D7D2DE

 98D24B

 E0D2F3

 8FD236

 E9D2FF

 86D221

 F2D2FF

 7DD20C

 FBD2FF

 77D200

 FFD2FF

# Harmonies

## Analogous

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



D9CA96



BCD29F



9ED7B4

# Triad

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



BCD29F



8FD3F9



FFB7C6

# Complementary

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



BCD29F



B59FD2

# 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.



F0BAE1



BCD29F



B1CBFE

# Square

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



BCD29F



7ED8E8



D5C2F5



FEBAAD

# Rectangle

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



BCD29F



8CD9C5



D5C2F5



FCB8CF

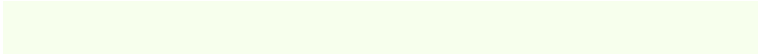


# Sweetspot

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



BCD29F



F7FFED



D2B49F



7B8075



000000



808080

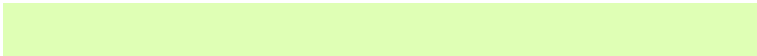


# Same Dimension

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



BCD29F



DFFFB5



A3D29F



64695E



60A800



172900



# Inverse Universe

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



B59FD2



D5B5FF



CE9FD2



635E69



4900A8

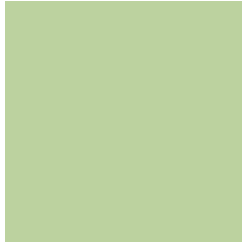


120029



# Previews

## White Background



This preview shows how the Hex color BCD29F looks on a white background.

## Color Contrast Check

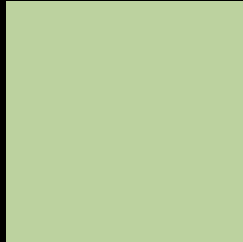
Large Text (above 18pt) WCAG AA × Fail

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 BCD29F looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

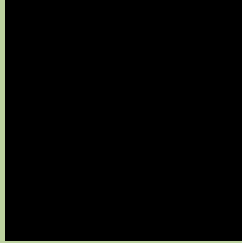
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BCD29F Background



This preview shows how black text looks on a background with the Hex color BCD29F.

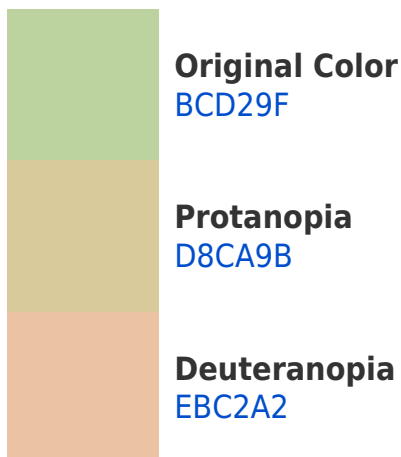


This preview shows how white text looks on a background with the Hex color BCD29F.

# Color Blindness Simulation

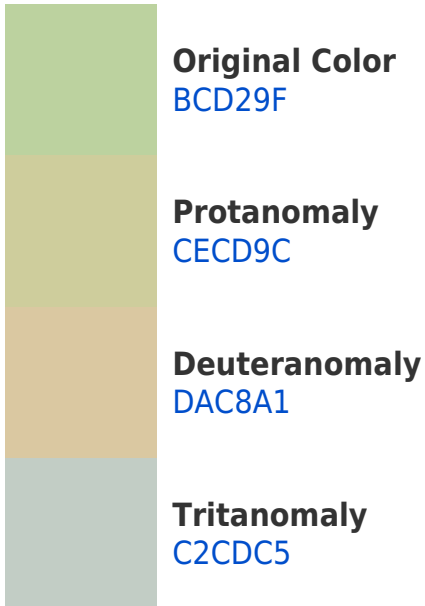
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

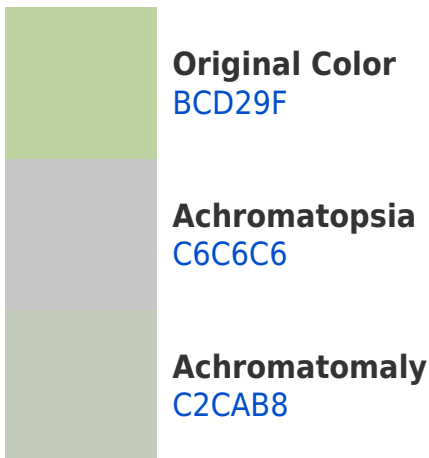




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BCD29F 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 #BCD29F looks like.

```
.text, #text, p{  
    color:#BCD29F  
}
```

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 #BCD29F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCD29F
}
```

## Border

The CSS property to change the border of an element to Hex BCD29F 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
#BCD29F }
```

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

```
.border{ border-color:#BCD29F }
```

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

Here you see how a box with a 4 pixel #BCD29F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCD29F; -webkit-box-shadow:4px 4px  
4px 4px #BCD29F; box-shadow:4px 4px 4px  
4px #BCD29F }
```

# Background

The CSS property to change the background color of an element to Hex BCD29F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCD29F }
```

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

```
.background{ background-color:#BCD29F }
```

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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