

# Converting Colors

Hex(BCD69A)

Have a look what the booklet for  
Hex(BCD69A) contains.

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# **Color**

**Hex(BCD69A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BCD69A
RGB	188, 214, 154
RGB Percent	74%, 84%, 60%
CMY	0.2627, 0.1608, 0.3961
CMYK	0.12, 0.00, 0.28, 0.16
HSL	86°, 42%, 72%
HSV	86°, 28%, 84%
XYZ	50.6183, 61.1176, 39.7009
YIQ	199.3860, 3.7640, -24.1720

# Conversions

## Conversions Part 2

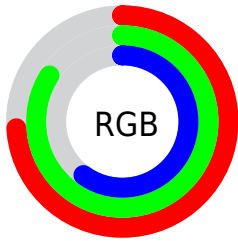
<b>Format</b>	<b>Color</b>
<b>RYB</b>	154, 214, 180
Decimal	12375706
CIELab	82.44, -19.03, 26.85
CIElCh	82, 32.909, 125.338
Yxy	61.1176, 0.3343, 0.4036
Android (android.graphics.Color)	4290565786 (0xFFBCD69A)
YUV	199.3860, -22.3753, -9.9855
Hunter-Lab	78.1777, -21.2363, 24.6153

# Details

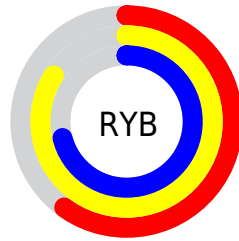
The Hex color **BCD69A** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **B49AD6**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **F5FFD1**, and **869F66** is the 20% darker color. If you saturate the color by 10%, you get **B3D685**, and if you desaturate by 10%, it is **C5D6AF**.

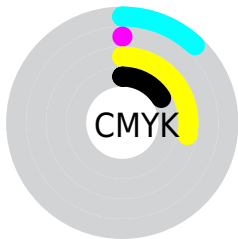
# Distribution



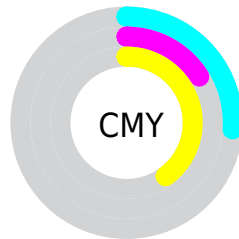
- Red (74%)
- Green (84%)
- Blue (60%)



- Red (60%)
- Yellow (84%)
- Blue (71%)



- Cyan (12%)
- Magenta (0%)
- Yellow (28%)
- Black (16%)



- Cyan (26%)
- Magenta (16%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BCD69A 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 BCD69A by changing the saturation by 10% instead.



 BCD69A

FFFFFF

 F5FFD1

 FFFFED

 BCD69A

 A1BA80

 869F66

 6C854E

 536C36

 3B5320

 243C09

 0F2600

 001000

 000000

 BCD69A

 BCD69A

 B3D685

 C5D6AF

 A9D66F

 CFD6C5

 A0D65A

 D8D6DA

 97D644

 E1D6F0

 8ED62F

 EAD6FF

 84D61A

 F4D6FF

 7BD604

 FDD6FF

 79D600

 FFD6FF

# Harmonies

## Analogous

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



DECD8F



BCD69A



98DCB2

# Triad

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



BCD69A



83D7FF



FFB6C9

# Complementary

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



BCD69A



B49AD6

# 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.



F9BAE8



BCD69A



ADCEFF

# Square

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



BCD69A



6CDDF0



D9C3FF



FFBAAB

# Rectangle

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



BCD69A



82DEC7



D9C3FF



FFB7D3

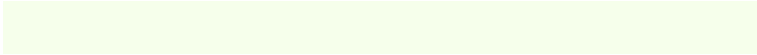


# Sweetspot

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



BCD69A



F6FFE8



D6B49A



7A8073



000000



808080

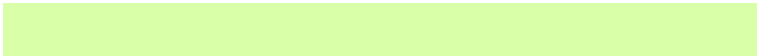


# Same Dimension

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



BCD69A



D9FFA8



9FD69A



666B60



61AB00



192B00



# Inverse Universe

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



B49AD6



CEA8FF



D29AD6



65606B



4A00AB



13002B



# Previews

## White Background



This preview shows how the Hex color BCD69A 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 BCD69A looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

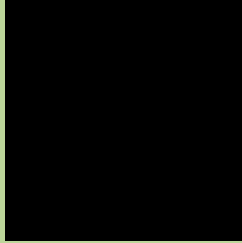
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

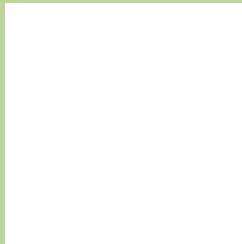
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BCD69A Background



This preview shows how black text looks on a background with the Hex color BCD69A.

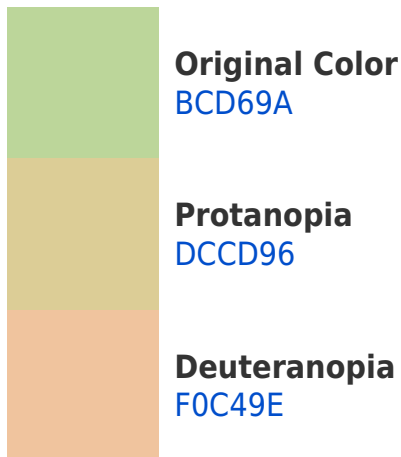


This preview shows how white text looks on a background with the Hex color BCD69A.

# Color Blindness Simulation

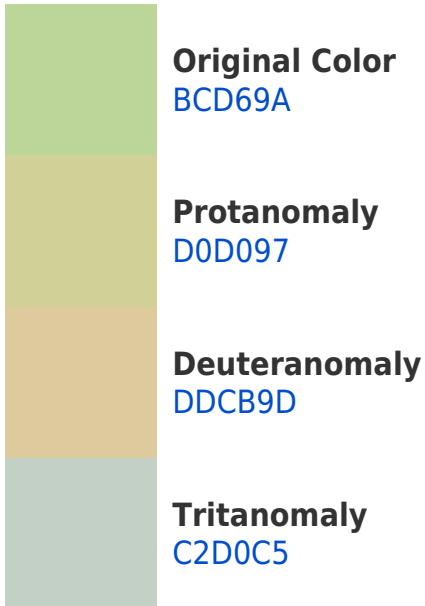
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

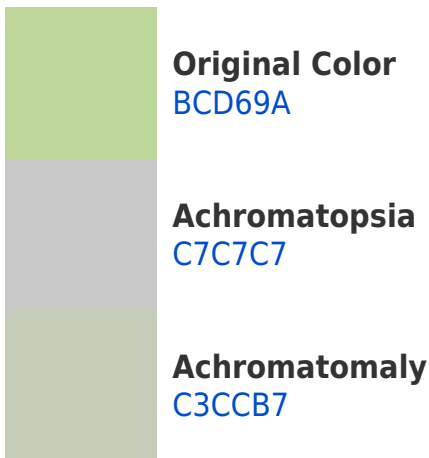




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BCD69A 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 #BCD69A looks like.

```
.text, #text, p{  
    color:#BCD69A  
}
```

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 #BCD69A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCD69A
}
```

## Border

The CSS property to change the border of an element to Hex BCD69A 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
#BCD69A }
```

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

```
.border{ border-color:#BCD69A }
```

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

Here you see how a box with a 4 pixel #BCD69A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCD69A; -webkit-box-shadow:4px 4px  
4px 4px #BCD69A; box-shadow:4px 4px 4px  
4px #BCD69A }
```

# Background

The CSS property to change the background color of an element to Hex BCD69A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCD69A }
```

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

```
.background{ background-color:#BCD69A }
```

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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