

# Converting Colors

Hex(BCD27A)

Have a look what the booklet for  
Hex(BCD27A) contains.

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# **Color**

**Hex(BCD27A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BCD27A
RGB	188, 210, 122
RGB Percent	74%, 82%, 48%
CMY	0.2627, 0.1765, 0.5216
CMYK	0.10, 0.00, 0.42, 0.18
HSL	75°, 49%, 65%
HSV	75°, 42%, 82%
XYZ	47.2985, 58.1897, 27.1512
YIQ	193.3900, 15.1360, -32.0320

# Conversions

## Conversions Part 2

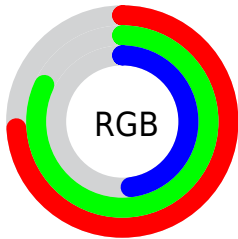
Format	Color
<a href="#">RYB</a>	<a href="#">122, 210, 144</a>
Decimal	<a href="#">12374650</a>
CIELab	<a href="#">80.84, -21.21, 41.09</a>
CIELCh	<a href="#">81, 46.239, 117.302</a>
Yxy	<a href="#">58.1897, 0.3566, 0.4387</a>
Android (android.graphics.Color)	<a href="#">4290564730 (0xFFBCD27A)</a>
YUV	<a href="#">193.3900, -35.1953, -4.7270</a>
Hunter-Lab	<a href="#">76.2822, -22.8155, 32.2944</a>

# Details

The Hex color **BCD27A** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **907AD2**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **F5FFB0**, and **859C47** is the 20% darker color. If you saturate the color by 10%, you get **B7D265**, and if you desaturate by 10%, it is **C1D28F**.

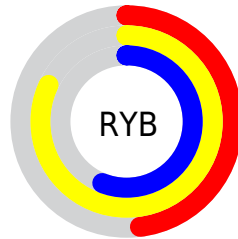
# Distribution



Red (74%)

Green (82%)

Blue (48%)



Red (48%)

Yellow (82%)

Blue (56%)

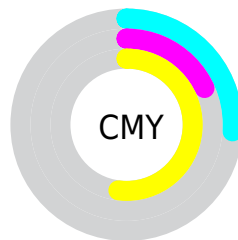


Cyan (10%)

Magenta (0%)

Yellow (42%)

Black (18%)



Cyan (26%)

Magenta (18%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BCD27A 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 BCD27A by changing the saturation by 10% instead.



 BCD27A

FFFFFF

 F5FFB0

 FFFFCC

 FFFFE8

 BCD27A

 A0B660

 859C47

 6B812E

 516815

 385000

 213900

 042300

 000600

 000000

 BCD27A

 BCD27A

 B7D265

 C1D28F

 B2D250

 C7D2A4

 ACD23B

 CCD2B9

 A7D226

 D1D2CE

 A2D211

 D6D2E3

 9ED200

 DCD2F8

 E1D2FF

 E6D2FF

 EBD2FF

# Harmonies

## Analogous

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



E8C571



BCD27A



88DB98

# Triad

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



BCD27A



09D9FF



FFA7CE

# Complementary

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



BCD27A



907AD2

# 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.



FBAFF8



BCD27A



7FCEFF

# Square

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



BCD27A



00DFEF



C7BFFF



FFA9A3

# Rectangle

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



BCD27A



5FDEB4



C7BFFF



FFA8DD



# Sweetspot

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



BCD27A



F7FFDE



D2907A



7A806B



000000



808080



# Same Dimension

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



BCD27A



DFFF80



91D27A



66695E



7EA800



1F2900



# Inverse Universe

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



907AD2



9F80FF



BC7AD2



615E69



2A00A8



0A0029



# Previews

## White Background



This preview shows how the Hex color BCD27A looks on a white background.

## Color Contrast Check

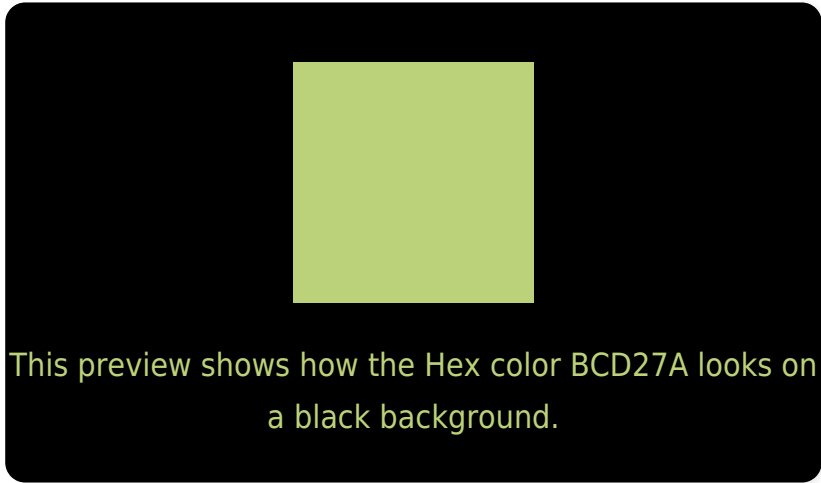
Large Text (above 18pt) WCAG AA × Fail

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

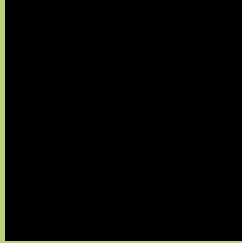
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BCD27A Background



This preview shows how black text looks on a background with the Hex color BCD27A.

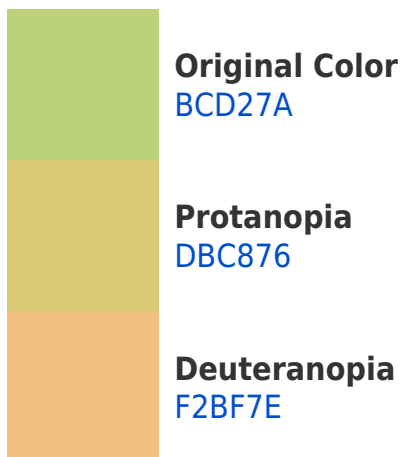


This preview shows how white text looks on a background with the Hex color BCD27A.

# 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](#).

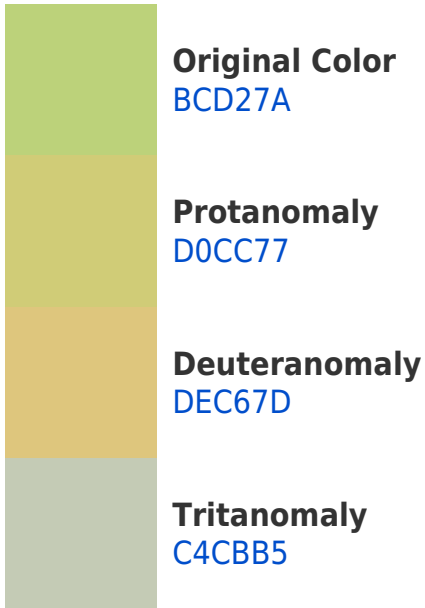
## Dichromacy



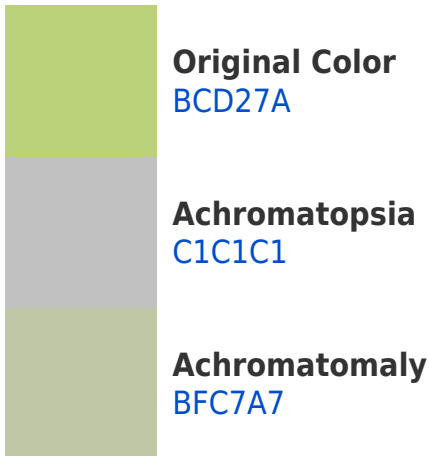


**Tritanopia**  
C8C7D7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BCD27A 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 #BCD27A looks like.

```
.text, #text, p{  
    color:#BCD27A  
}
```

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 #BCD27A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCD27A
}
```

## Border

The CSS property to change the border of an element to Hex BCD27A 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
#BCD27A }
```

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

```
.border{ border-color:#BCD27A }
```

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

Here you see how a box with a 4 pixel #BCD27A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCD27A; -webkit-box-shadow:4px 4px  
4px 4px #BCD27A; box-shadow:4px 4px 4px  
4px #BCD27A }
```

# Background

The CSS property to change the background color of an element to Hex BCD27A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCD27A }
```

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

```
.background{ background-color:#BCD27A }
```

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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