

# Converting Colors

Hex(BDC66A)

Have a look what the booklet for  
Hex(BDC66A) contains.

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**Color**

**Hex(BDC66A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BDC66A
RGB	189, 198, 106
RGB Percent	74%, 78%, 42%
CMY	0.2588, 0.2235, 0.5843
CMYK	0.05, 0.00, 0.46, 0.22
HSL	66°, 45%, 60%
HSV	66°, 46%, 78%
XYZ	43.7819, 52.2476, 21.4129
YIQ	184.8210, 24.1680, -30.5200

# Conversions

## Conversions Part 2

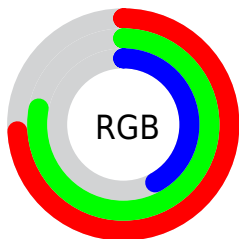
<b>Format</b>	<b>Color</b>
<b>RYB</b>	106, 198, 115
Decimal	12437098
CIELab	77.43, -16.56, 44.78
CIELCh	77, 47.742, 110.296
Yxy	52.2476, 0.3728, 0.4449
Android (android.graphics.Color)	4290627178 (0xFFBDC66A)
YUV	184.8210, -38.8588, 3.6650
Hunter-Lab	72.2825, -18.3760, 33.0337

# Details

The Hex color **BDC66A** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **736AC6**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **F7FF9F**, and **869037** is the 20% darker color. If you saturate the color by 10%, you get **BBC656**, and if you desaturate by 10%, it is **BFC67E**.

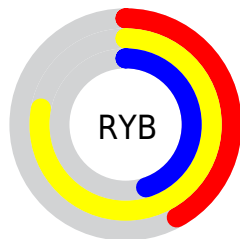
# Distribution



Red (74%)

Green (78%)

Blue (42%)



Red (42%)

Yellow (78%)

Blue (45%)

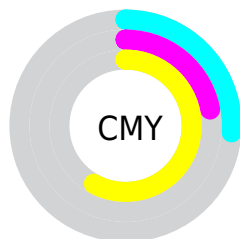


Cyan (5%)

Magenta (0%)

Yellow (46%)

Black (22%)



Cyan (26%)

Magenta (22%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BDC66A 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 BDC66A by changing the saturation by 10% instead.



 BDC66A

 BDC66A

FFFFFF

 A1AB50


 F7FF9F

 869037

 FFFFBB

 6B771D

 FFFFD7

 515E00

 FFFFF4

 394600

 203000

 001C00

 000000

 BDC66A

 BDC66A

 BBC656

 BFC67E

 B9C642

 C1C692

 B7C62F

 C3C6A5

 B5C61B

 C5C6B9

 B3C607

 C7C6CD

 B3C600

 C9C6E1

 CBC6F5

 CCC6FF

 CEC6FF

# Harmonies

## Analogous

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



E8B867



BDC66A



8AD085

# Triad

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



BDC66A



00D2FF



FF9DD0

# Complementary

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



BDC66A



736AC6

# 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.



E8A9F8



BDC66A



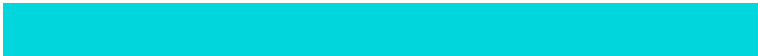
59C8FF

# Square

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



BDC66A



00D6DC



AEB9FF



FF9DA3

# Rectangle

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



BDC66A



61D4A0



AEB9FF



FFA0DE



# Sweetspot

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



BDC66A



FCFFDB



C6726A



7D806A



000000



808080



# Same Dimension

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



BDC66A



F1FF70



90C66A



62635A



93A300



202400



# Inverse Universe

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



736AC6



7E70FF



A06AC6



5A5A63



1000A3



030024



# Previews

## White Background



This preview shows how the Hex color BDC66A looks on a white background.

## Color Contrast Check

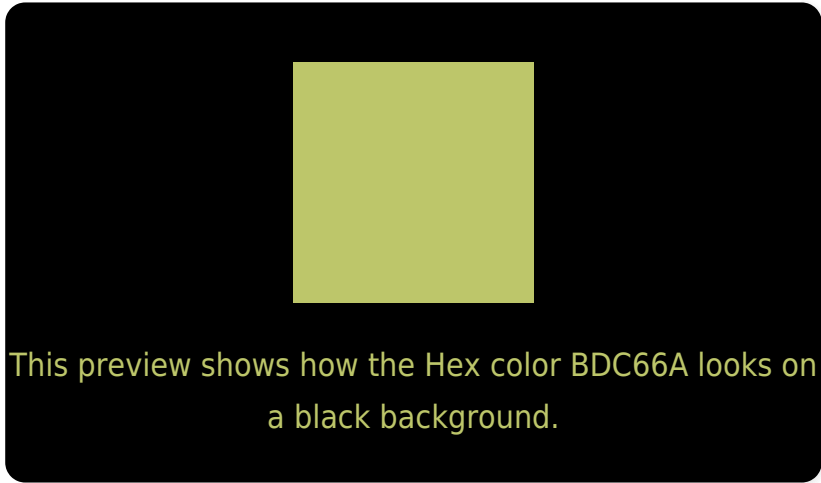
Large Text (above 18pt) WCAG AA × Fail

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

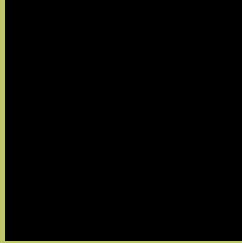
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BDC66A Background



This preview shows how black text looks on a background with the Hex color BDC66A.

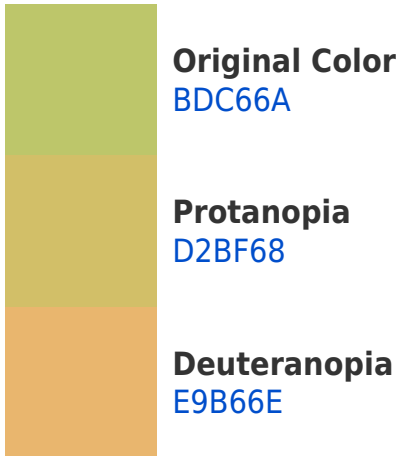


This preview shows how white text looks on a background with the Hex color BDC66A.

# 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](#).

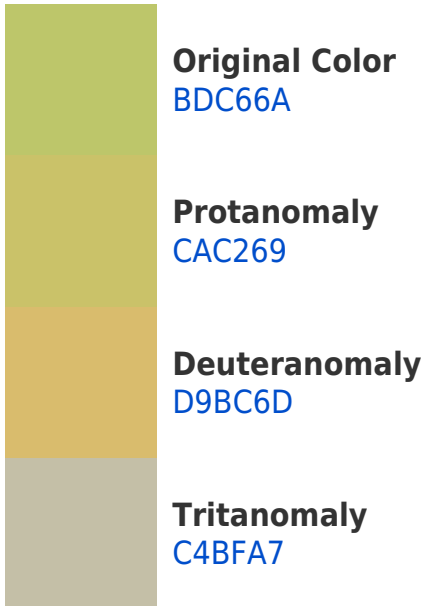
## Dichromacy



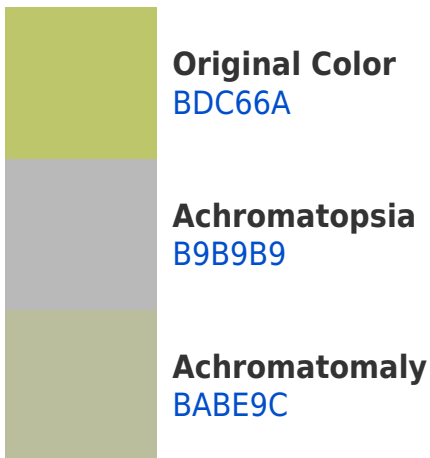


**Tritanopia**  
C8BBCA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BDC66A 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 #BDC66A looks like.

```
.text, #text, p{  
    color:#BDC66A  
}
```

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 #BDC66A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDC66A
}
```

## Border

The CSS property to change the border of an element to Hex BDC66A 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
#BDC66A }
```

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

```
.border{ border-color:#BDC66A }
```

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

Here you see how a box with a 4 pixel #BDC66A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDC66A; -webkit-box-shadow:4px 4px  
4px 4px #BDC66A; box-shadow:4px 4px 4px  
4px #BDC66A }
```

# Background

The CSS property to change the background color of an element to Hex BDC66A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDC66A }
```

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

```
.background{ background-color:#BDC66A }
```

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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