

# Converting Colors

Hex(BCD16F)

Have a look what the booklet for  
Hex(BCD16F) contains.

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# **Color**

**Hex(BCD16F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BCD16F
RGB	188, 209, 111
RGB Percent	74%, 82%, 44%
CMY	0.2627, 0.1804, 0.5647
CMYK	0.10, 0.00, 0.47, 0.18
HSL	73°, 52%, 63%
HSV	73°, 47%, 82%
XYZ	46.4087, 57.4400, 23.6800
YIQ	191.5490, 18.9420, -34.9300

# Conversions

## Conversions Part 2

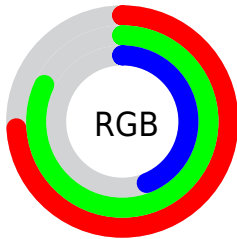
<b>Format</b>	<b>Color</b>
<b>RYB</b>	111, 209, 132
Decimal	12374383
CIELab	80.43, -21.91, 45.98
CIElCh	80, 50.932, 115.477
Yxy	57.4400, 0.3639, 0.4504
Android (android.graphics.Color)	4290564463 (0xFFBCD16F)
YUV	191.5490, -39.7107, -3.1125
Hunter-Lab	75.7892, -23.3284, 34.5276

# Details

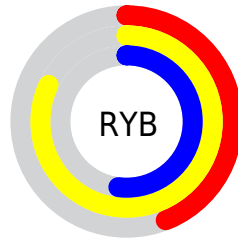
The Hex color **BCD16F** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **846FD1**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **F6FFA5**, and **859B3C** is the 20% darker color. If you saturate the color by 10%, you get **B8D15A**, and if you desaturate by 10%, it is **C0D184**.

# Distribution



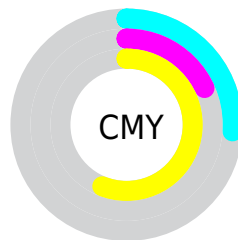
- Red (74%)
- Green (82%)
- Blue (44%)



- Red (44%)
- Yellow (82%)
- Blue (52%)



- Cyan (10%)
- Magenta (0%)
- Yellow (47%)
- Black (18%)



- Cyan (26%)
- Magenta (18%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BCD16F 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 BCD16F by changing the saturation by 10% instead.



 BCD16F

FFFFFF

 F6FFA5

 FFFFC0

 FFFFDD

 FFFFFA

 BCD16F

 A0B555

 859B3C

 6A8122

 506702

 374F00

 1E3800

 002300

 000300

 000000

 BCD16F

 BCD16F

 B8D15A

 C0D184

 B3D145

 C5D199

 AFD130

 C9D1AE

 AAD11B

 CED1C3

 A6D106

 D2D1D8

 A4D100

 D7D1EC

 DBD1FF

 E0D1FF

 E4D1FF

# Harmonies

## Analogous

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



EBC267



BCD16F



83DB90

# Triad

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



BCD16F



00DAFF



FFA1D1

# Complementary

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



BCD16F



846FD1

# 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.



FCACFE



BCD16F



69CFFF

# Square

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



BCD16F



00E0EF



C1BEFF



FFA4A1

# Rectangle

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



BCD16F



51DFAE



C1BEFF



FFA4E1



# Sweetspot

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



BCD16F



F7FFDB



D1836F



7B806A



000000



808080



# Same Dimension

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



BCD16F



E0FF70



8CD16F



66695E



84A800



202900



# Inverse Universe

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



846FD1



8F70FF



B46FD1



605E69



2400A8



090029



# Previews

## White Background



This preview shows how the Hex color BCD16F looks on a white background.

## Color Contrast Check

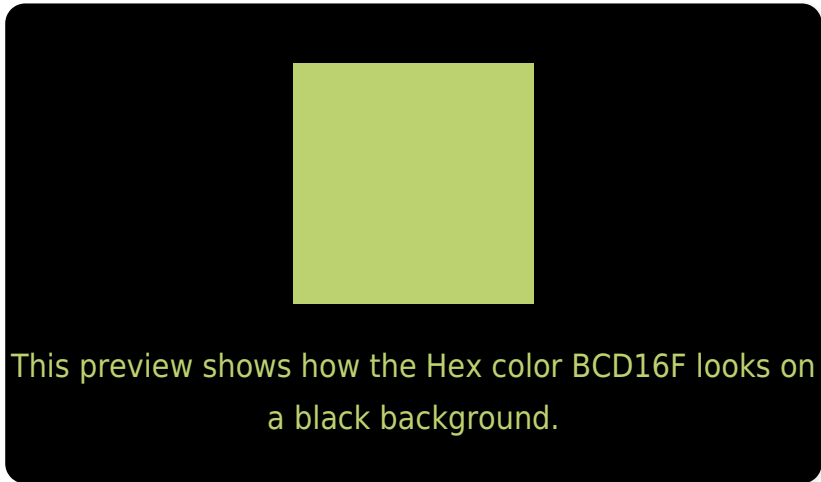
Large Text (above 18pt) WCAG AA × Fail

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 BCD16F Background



This preview shows how black text looks on a background with the Hex color BCD16F.

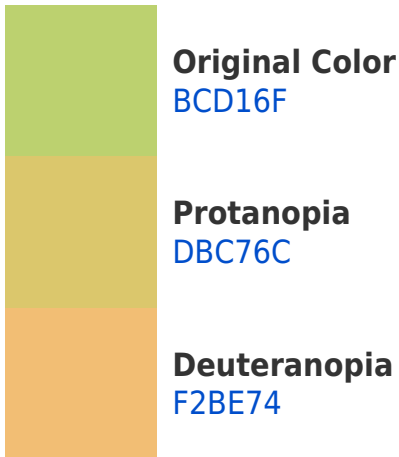


This preview shows how white text looks on a background with the Hex color BCD16F.

# 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](#).

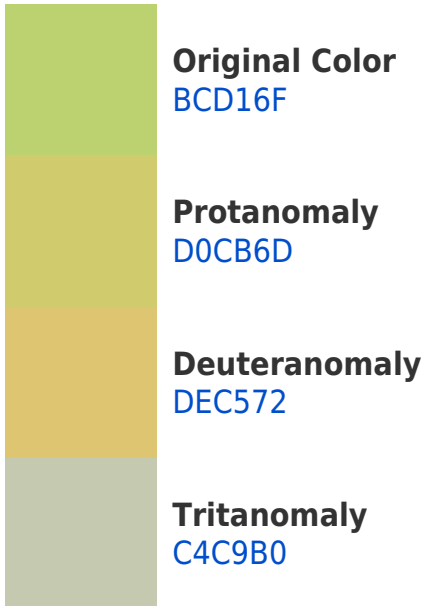
## Dichromacy



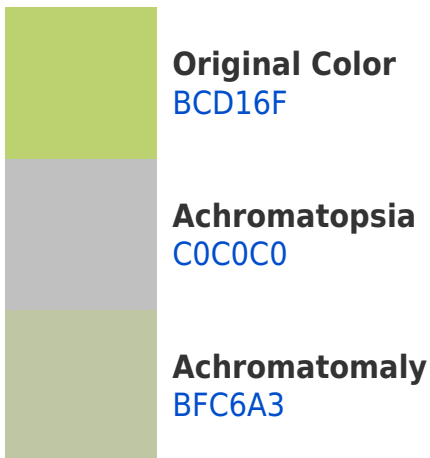


**Tritanopia**  
C8C5D5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BCD16F 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 #BCD16F looks like.

```
.text, #text, p{  
    color:#BCD16F  
}
```

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 #BCD16F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCD16F
}
```

## Border

The CSS property to change the border of an element to Hex BCD16F 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
#BCD16F }
```

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

```
.border{ border-color:#BCD16F }
```

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

Here you see how a box with a 4 pixel #BCD16F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCD16F; -webkit-box-shadow:4px 4px  
4px 4px #BCD16F; box-shadow:4px 4px 4px  
4px #BCD16F }
```

# Background

The CSS property to change the background color of an element to Hex BCD16F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCD16F }
```

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

```
.background{ background-color:#BCD16F }
```

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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