

# Converting Colors

Hex(BDD680)

Have a look what the booklet for  
Hex(BDD680) contains.

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# **Color**

**Hex(BDD680)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BDD680
RGB	189, 214, 128
RGB Percent	74%, 84%, 50%
CMY	0.2588, 0.1608, 0.4980
CMYK	0.12, 0.00, 0.40, 0.16
HSL	77°, 51%, 67%
HSV	77°, 40%, 84%
XYZ	48.9291, 60.4705, 29.5152
YIQ	196.7210, 12.7060, -32.0460

# Conversions

## Conversions Part 2

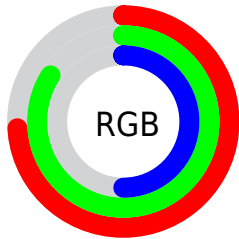
<b>Format</b>	<b>Color</b>
<b>RYB</b>	128, 214, 153
Decimal	12441216
CIELab	82.09, -22.09, 39.69
CIELCh	82, 45.423, 119.100
Yxy	60.4705, 0.3522, 0.4353
Android (android.graphics.Color)	4290631296 (0xFFBDD680)
YUV	196.7210, -33.8795, -6.7713
Hunter-Lab	77.7628, -23.7708, 31.9301

# Details

The Hex color **BDD680** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **9980D6**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **F6FFB6**, and **869F4D** is the 20% darker color. If you saturate the color by 10%, you get **B7D66B**, and if you desaturate by 10%, it is **C3D695**.

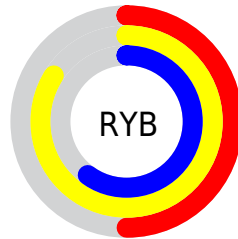
# Distribution



Red (74%)

Green (84%)

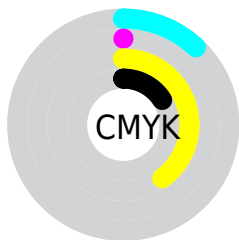
Blue (50%)



Red (50%)

Yellow (84%)

Blue (60%)

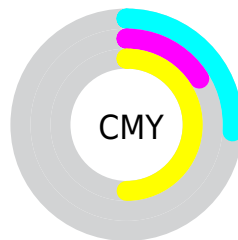


Cyan (12%)

Magenta (0%)

Yellow (40%)

Black (16%)



Cyan (26%)

Magenta (16%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BDD680 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 BDD680 by changing the saturation by 10% instead.



 BDD680

 BDD680

FFFFFF

 A1BA66

 F6FFB6

 869F4D

 FFFFD2

 6C8534

 FFFFEF

 526C1B

 395300

 223C00

 062600

 000E00

 000000

 BDD680

 BDD680

 B7D66B

 C3D695

 B1D655

 C9D6AB

 AAD640

 D0D6C0

 A4D62A

 D6D6D6

 9ED615

 DCD6EB

 98D600

 E2D6FF

 E9D6FF

 EFD6FF

 F5D6FF

# Harmonies

## Analogous

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



E9C976



BDD680



8ADF9F

# Triad

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



BDD680



30DCFF



FFABCF

# Complementary

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



BDD680



9980D6

# 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.



FFB3F9



BDD680



8AD1FF

# Square

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



BDD680



00E2F4



CFC2FF



FFAEA5

# Rectangle

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



BDD680



62E2BB



CFC2FF



FFACDE

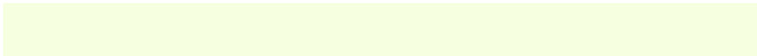


# Sweetspot

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



BDD680



F6FFE0



D69880



7A806E



000000



808080

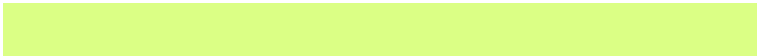


# Same Dimension

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



BDD680



DBFF85



93D680



686B60



79AB00



1F2B00



# Inverse Universe

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



9980D6



A885FF



C380D6



64606B



3200AB



0D002B



# Previews

## White Background



This preview shows how the Hex color BDD680 looks on a white background.

## Color Contrast Check

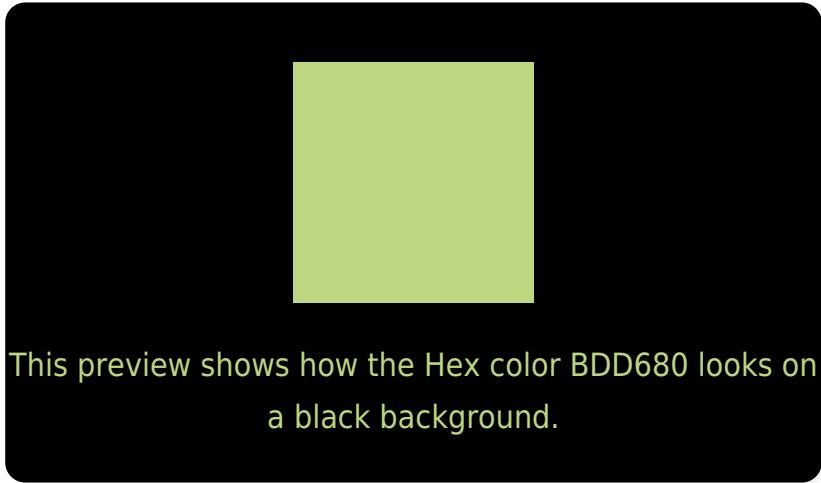
Large Text (above 18pt) WCAG AA × Fail

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 BDD680 Background



This preview shows how black text looks on a background with the Hex color BDD680.

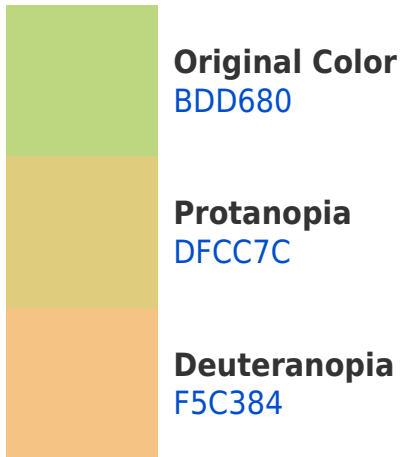


This preview shows how white text looks on a background with the Hex color BDD680.

# Color Blindness Simulation

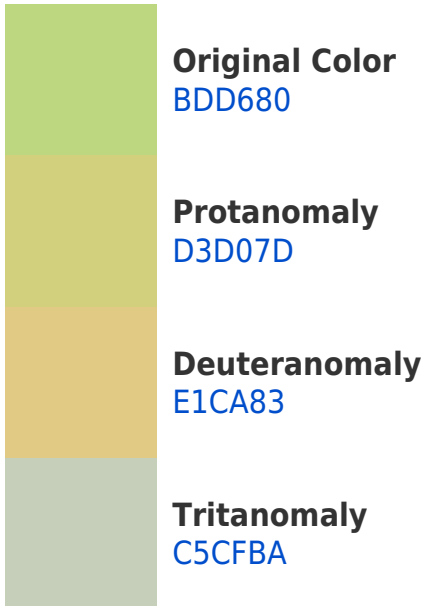
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

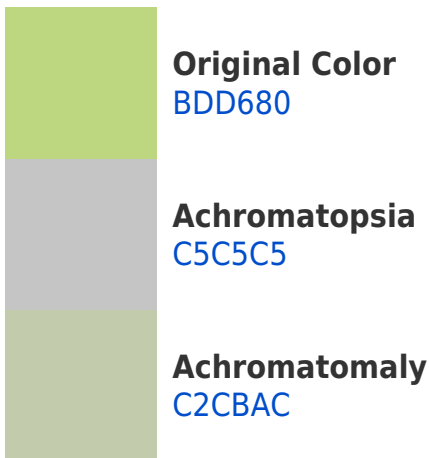




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BDD680 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 #BDD680 looks like.

```
.text, #text, p{  
    color:#BDD680  
}
```

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 #BDD680 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDD680
}
```

## Border

The CSS property to change the border of an element to Hex BDD680 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
#BDD680 }
```

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

```
.border{ border-color:#BDD680 }
```

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

Here you see how a box with a 4 pixel #BDD680 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDD680; -webkit-box-shadow:4px 4px  
4px 4px #BDD680; box-shadow:4px 4px 4px  
4px #BDD680 }
```

# Background

The CSS property to change the background color of an element to Hex BDD680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDD680 }
```

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

```
.background{ background-color:#BDD680 }
```

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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