

# Converting Colors

Hex(BDD088)

Have a look what the booklet for  
Hex(BDD088) contains.

<b>Hex(BDD088)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(BDD088)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BDD088
RGB	189, 208, 136
RGB Percent	74%, 82%, 53%
CMY	0.2588, 0.1843, 0.4667
CMYK	0.09, 0.00, 0.35, 0.18
HSL	76°, 43%, 67%
HSV	76°, 35%, 82%
XYZ	47.9861, 57.7081, 31.9022
YIQ	194.1110, 11.7880, -26.4200

# Conversions

## Conversions Part 2

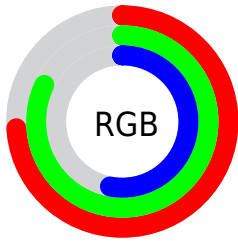
Format	Color
<a href="#">RYB</a>	<a href="#">136, 208, 155</a>
Decimal	<a href="#">12439688</a>
CIELab	<a href="#">80.58, -18.14, 33.67</a>
CIELCh	<a href="#">81, 38.251, 118.315</a>
Yxy	<a href="#">57.7081, 0.3487, 0.4194</a>
Android (android.graphics.Color)	<a href="#">4290629768 (0xFFBDD088)</a>
YUV	<a href="#">194.1110, -28.6487, -4.4823</a>
Hunter-Lab	<a href="#">75.9659, -20.1855, 28.2770</a>

# Details

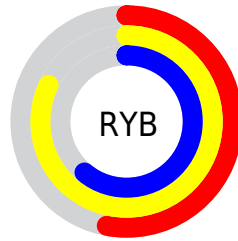
The Hex color **BDD088** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **9B88D0**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **F6FFBE**, and **879A55** is the 20% darker color. If you saturate the color by 10%, you get **B8D073**, and if you desaturate by 10%, it is **C2D09D**.

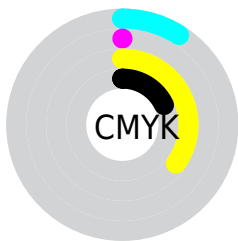
# Distribution



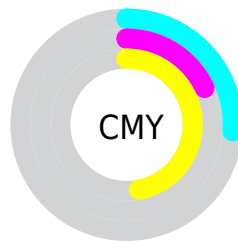
- Red (74%)
- Green (82%)
- Blue (53%)



- Red (53%)
- Yellow (82%)
- Blue (61%)



- Cyan (9%)
- Magenta (0%)
- Yellow (35%)
- Black (18%)



- Cyan (26%)
- Magenta (18%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BDD088 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 BDD088 by changing the saturation by 10% instead.



 BDD088

 BDD088

FFFFFF

 A1B46E

 F6FFBE

 879A55

 FFFFDA


 6D803D

 FFFFF7

 536725

 3B4E0D

 253700

 0B2200

 000400

 000000

 BDD088

 BDD088

 B8D073

 C2D09D

 B2D05E

 C8D0B2

 ADD04A

 CDD0C6

 A7D035

 D3D0DB

 A2D020

 D8D0F0

 9CD00B

 DED0FF

 99D000

 E3D0FF

 E9D0FF

 EED0FF

# Harmonies

## Analogous

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



E2C580



BDD088



93D8A1

# Triad

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



BDD088



5DD5FF



FFADCB

# Complementary

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



BDD088



9B88D0

# 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.



F3B3EE



BDD088



93CCFF

# Square

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



BDD088



48DBE9



CABFFF



FFAFA8

# Rectangle

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



BDD088



76DAB8



CABFFF



FFAED7



# Sweetspot

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



BDD088



F8FFE6



D09A88



7B8070



000000



808080



# Same Dimension

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



BDD088



E3FF94



9AD088



66695E



7CA800



1E2900



# Inverse Universe

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



9B88D0



B094FF



BE88D0



615E69



2C00A8



0B0029



# Previews

## White Background



This preview shows how the Hex color BDD088 looks on a white background.

## Color Contrast Check

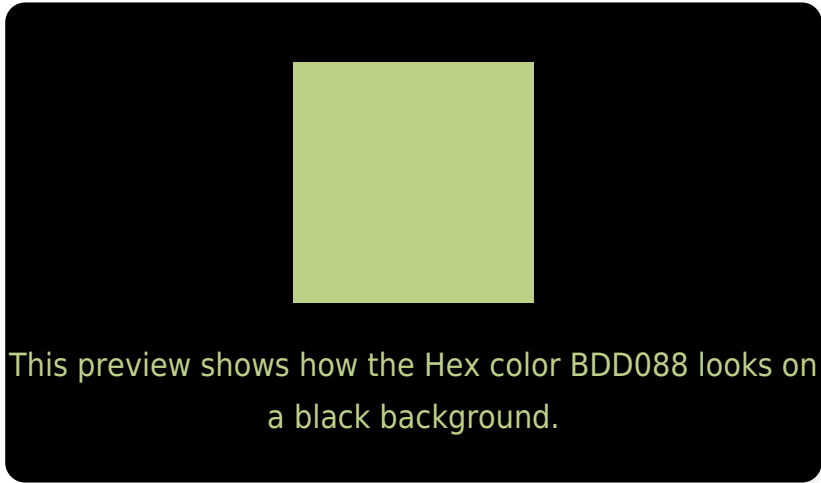
Large Text (above 18pt) WCAG AA × Fail

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 BDD088 Background



This preview shows how black text looks on a background with the Hex color BDD088.

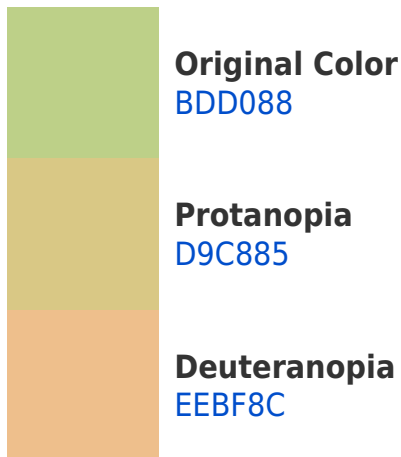


This preview shows how white text looks on a background with the Hex color BDD088.

# 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](#).

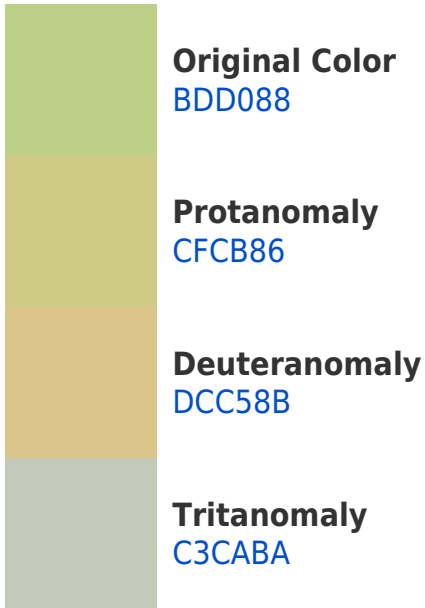
## Dichromacy



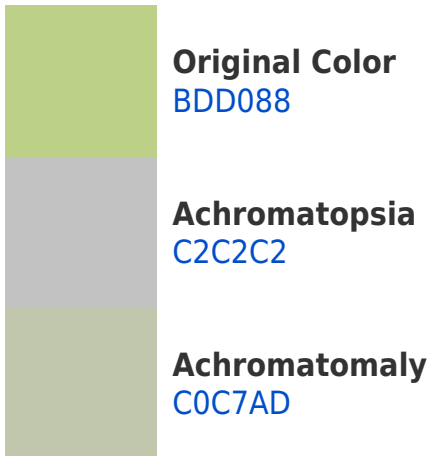


**Tritanopia**  
C7C6D6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BDD088 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 #BDD088 looks like.

```
.text, #text, p{  
    color:#BDD088  
}
```

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 #BDD088 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDD088
}
```

## Border

The CSS property to change the border of an element to Hex BDD088 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
#BDD088 }
```

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

```
.border{ border-color:#BDD088 }
```

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

Here you see how a box with a 4 pixel #BDD088 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDD088; -webkit-box-shadow:4px 4px  
4px 4px #BDD088; box-shadow:4px 4px 4px  
4px #BDD088 }
```

# Background

The CSS property to change the background color of an element to Hex BDD088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDD088 }
```

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

```
.background{ background-color:#BDD088 }
```

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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