

# Converting Colors

Hex(BFD089)

Have a look what the booklet for  
Hex(BFD089) contains.

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# **Color**

**Hex(BFD089)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">BFD089</a>
RGB	<a href="#">191, 208, 137</a>
RGB Percent	<a href="#">75%, 82%, 54%</a>
CMY	<a href="#">0.2510, 0.1843, 0.4627</a>
CMYK	<a href="#">0.08, 0.00, 0.34, 0.18</a>
HSL	<a href="#">74°, 43%, 68%</a>
HSV	<a href="#">74°, 34%, 82%</a>
XYZ	<a href="#">48.5571, 57.9943, 32.3017</a>
YIQ	<a href="#">194.8230, 12.6590, -25.6850</a>

# Conversions

## Conversions Part 2

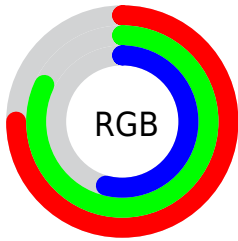
<b>Format</b>	<b>Color</b>
<b>RYB</b>	137, 208, 154
Decimal	12570761
CIELab	80.74, -17.26, 33.40
CIELCh	81, 37.592, 117.327
Yxy	57.9943, 0.3497, 0.4177
Android (android.graphics.Color)	4290760841 (0xFFBFD089)
YUV	194.8230, -28.5067, -3.3528
Hunter-Lab	76.1540, -19.4547, 28.1592

# Details

The Hex color **BFD089** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **9A89D0**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **F8FFBF**, and **899A56** is the 20% darker color. If you saturate the color by 10%, you get **BAD074**, and if you desaturate by 10%, it is **C4D09E**.

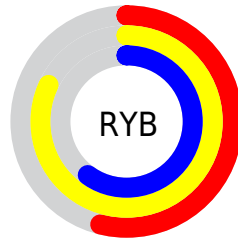
# Distribution



Red (75%)

Green (82%)

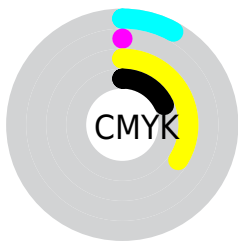
Blue (54%)



Red (54%)

Yellow (82%)

Blue (60%)

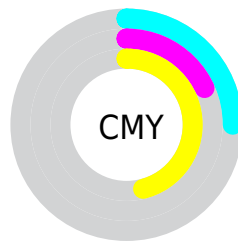


Cyan (8%)

Magenta (0%)

Yellow (34%)

Black (18%)



Cyan (25%)

Magenta (18%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BFD089 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 BFD089 by changing the saturation by 10% instead.



 BFD089

FFFFFF

 F8FFBF

 FFFFDB

 FFFFF8

 BFD089

 A3B46F

 899A56

 6F803E

 556726

 3D4F0E

 263800

 0D2200

 000500

 000000

 BFD089

 BFD089

 BAD074

 C4D09E

 B5D05F

 C9D0B3

 B0D04B

 CED0C7

 ABD036

 D3D0DC

 A6D021

 D8D0F1

 A1D00C

 DDD0FF

 9ED000

 E2D0FF

 E7D0FF

 ECD0FF

# Harmonies

## Analogous

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



E3C582



BFD089



96D8A1

# Triad

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



BFD089



60D6FF



FFAECD

# Complementary

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



BFD089



9A89D0

# 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.



F2B5EF



BFD089



93CDFF

# Square

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



BFD089



4EDBE7



C9C0FF



FFB0AA

# Rectangle

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



BFD089



7ADBB8



C9C0FF



FFAFD9



# Sweetspot

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



BFD089



F9FFE6



D09A89



7C8070



000000



808080

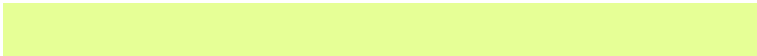


# Same Dimension

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



BFD089



E6FF96



9CD089



66695E



80A800



1F2900



# Inverse Universe

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



9A89D0



AF96FF



BD89D0



615E69



2800A8



0A0029



# Previews

## White Background



This preview shows how the Hex color BFD089 looks on a white background.

## Color Contrast Check

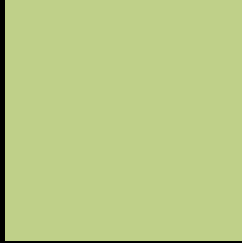
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color BFD089 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

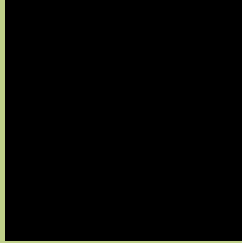
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BFD089 Background



This preview shows how black text looks on a background with the Hex color BFD089.

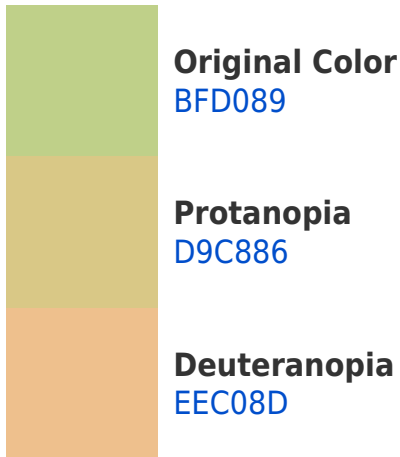


This preview shows how white text looks on a background with the Hex color BFD089.

# 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](#).

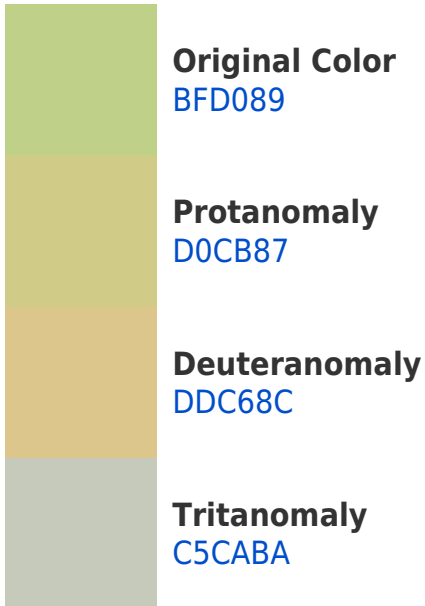
## Dichromacy



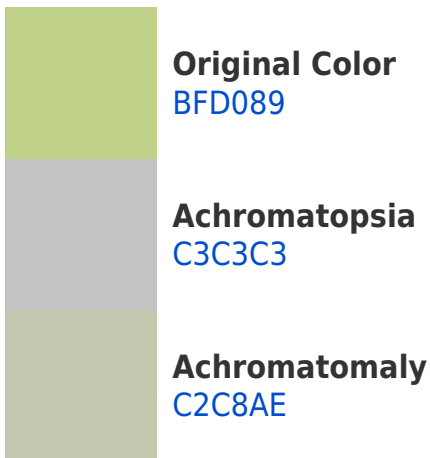


**Tritanopia**  
C9C6D6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BFD089 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 #BFD089 looks like.

```
.text, #text, p{  
    color:#BFD089  
}
```

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 #BFD089 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BFD089
}
```

## Border

The CSS property to change the border of an element to Hex BFD089 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
#BFD089 }
```

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

```
.border{ border-color:#BFD089 }
```

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

Here you see how a box with a 4 pixel #BFD089 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BFD089; -webkit-box-shadow:4px 4px  
4px 4px #BFD089; box-shadow:4px 4px 4px  
4px #BFD089 }
```

# Background

The CSS property to change the background color of an element to Hex BFD089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BFD089 }
```

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

```
.background{ background-color:#BFD089 }
```

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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