

# Converting Colors

Hex(BDF797)

Have a look what the booklet for  
Hex(BDF797) contains.

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# **Color**

**Hex(BDF797)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">BDF797</a>
RGB	<a href="#">189, 247, 151</a>
RGB Percent	<a href="#">74%, 97%, 59%</a>
CMY	<a href="#">0.2588, 0.0314, 0.4078</a>
CMYK	<a href="#">0.23, 0.00, 0.39, 0.03</a>
HSL	<a href="#">96°, 86%, 78%</a>
HSV	<a href="#">96°, 39%, 97%</a>
XYZ	<a href="#">59.8329, 79.5747, 41.4841</a>
YIQ	<a href="#">218.7140, -3.7520, -42.1520</a>

# Conversions

## Conversions Part 2

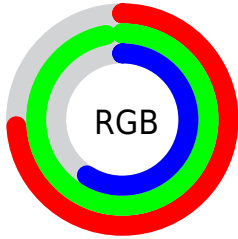
Format	Color
<a href="#">RYB</a>	<a href="#">151, 247, 209</a>
Decimal	<a href="#">12449687</a>
CIELab	<a href="#">91.49, -34.82, 40.34</a>
CIELCh	<a href="#">91, 53.289, 130.793</a>
Yxy	<a href="#">79.5747, 0.3308, 0.4399</a>
Android (android.graphics.Color)	<a href="#">4290639767</a> ( <a href="#">0xFFBDF797</a> )
YUV	<a href="#">218.7140, -33.3830, -26.0592</a>
Hunter-Lab	<a href="#">89.2047, -36.3814, 34.8708</a>

# Details

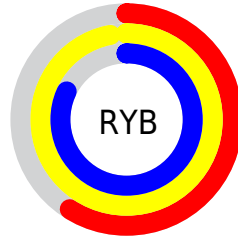
The Hex color **BDF797** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **D197F7**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **F7FFCE**, and **86BE63** is the 20% darker color. If you saturate the color by 10%, you get **AEF77E**, and if you desaturate by 10%, it is **CCF7B0**.

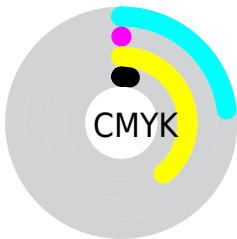
# Distribution



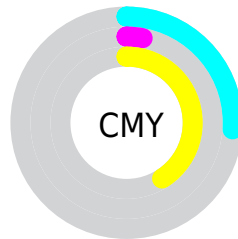
- Red (74%)
- Green (97%)
- Blue (59%)



- Red (59%)
- Yellow (97%)
- Blue (82%)



- Cyan (23%)
- Magenta (0%)
- Yellow (39%)
- Black (3%)



- Cyan (26%)
- Magenta (3%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BDF797 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 BDF797 by changing the saturation by 10% instead.



 BDF797

FFFFFF

 F7FFCE

 FFFFEB

 BDF797

 A1DA7C

 86BE63

 6BA349

 518931

 366F17

 1A5600

 003E00

 002800

 000A00

 BDF797

 BDF797

 AEF77E

 CCF7B0

 9FF766

 DBF7C8

 90F74D

 EAF7E1

 81F734

 F9F7FA

 72F71B

 FFF7FF

 63F703

 62F700

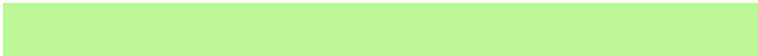
# Harmonies

## Analogous

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



F5EA80



BDF797



79FFC3

# Triad

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



BDF797



4CF5FF



FFBED6

# Complementary

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



BDF797



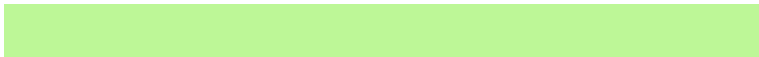
D197F7

# Split Complementary

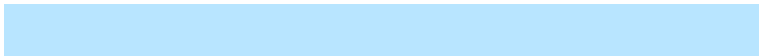
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC2FF



BDF797



B8E5FF

# Square

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



BDF797



00FEFF



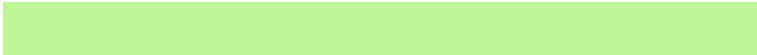
FFD2FF



FFC7A6

# Rectangle

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



BDF797



37FFE6



FFD2FF



FFBEE7



# Sweetspot

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



BDF797



EDFFE0



F7D197



75806E



000000



808080

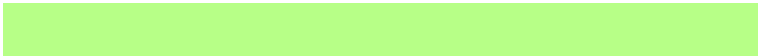


# Same Dimension

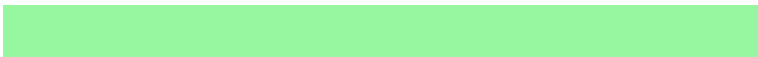
The Same Dimension uses a secret algorithm to generate beautiful new colors.



BDF797



B7FF87



97F7A1



737A6E



4ABA00



173B00



# Inverse Universe

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



D197F7



D087FF



F797ED



766E7A



7000BA

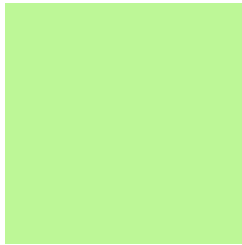


23003B



# Previews

## White Background



This preview shows how the Hex color BDF797 looks on a white background.

## Color Contrast Check

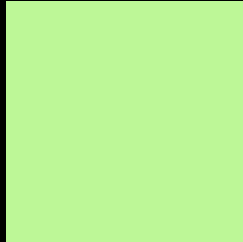
Large Text (above 18pt) WCAG AA × Fail

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 BDF797 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 BDF797 Background



This preview shows how black text looks on a background with the Hex color BDF797.

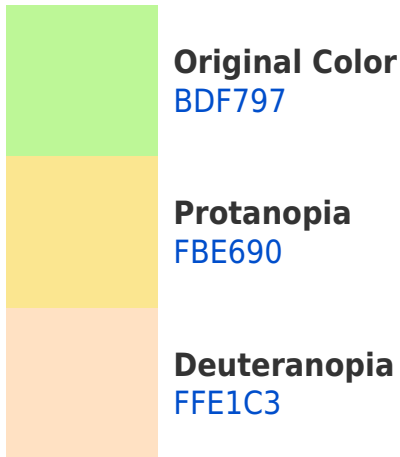


This preview shows how white text looks on a background with the Hex color BDF797.

# 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

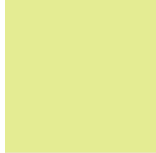




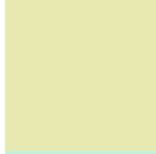
# Trichromacy



**Original Color**  
BDF797



**Protanomaly**  
E4EC93



**Deuteranomaly**  
E7E9B3

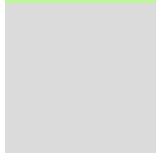


**Tritanomaly**  
C7EFD8

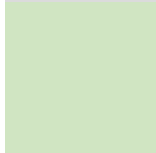
# Monochromacy



**Original Color**  
BDF797



**Achromatopsia**  
DBDBDB



**Achromatomaly**  
D0E5C2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BDF797 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 #BDF797 looks like.

```
.text, #text, p{  
    color:#BDF797  
}
```

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 #BDF797 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDF797
}
```

## Border

The CSS property to change the border of an element to Hex BDF797 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
#BDF797 }
```

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

```
.border{ border-color:#BDF797 }
```

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

Here you see how a box with a 4 pixel #BDF797 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDF797; -webkit-box-shadow:4px 4px  
4px 4px #BDF797; box-shadow:4px 4px 4px  
4px #BDF797 }
```

# Background

The CSS property to change the background color of an element to Hex BDF797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDF797 }
```

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

```
.background{ background-color:#BDF797 }
```

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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