

Converting Colors

Hex(BDFF99)

Have a look what the booklet for
Hex(BDFF99) contains.

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Color

Hex(BDFF99)

Conversions

Conversions Part 1

Format	Color
Hex	BDFF99
RGB	189, 255, 153
RGB Percent	74%, 100%, 60%
CMY	0.2588, 0.0000, 0.4000
CMYK	0.26, 0.00, 0.40, 0.00
HSL	99°, 100%, 80%
HSV	99°, 40%, 100%
XYZ	62.4960, 84.6387, 43.1800
YIQ	223.6380, -6.5940, -45.7140

Conversions

Conversions Part 2

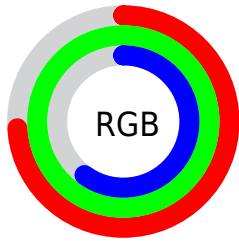
Format	Color
RYB	153, 255, 219
Decimal	12451737
CIELab	93.73, -38.18, 42.25
CIELCh	94, 56.940, 132.104
Yxy	84.6387, 0.3284, 0.4447
Android (android.graphics.Color)	4290641817 (0xFFBDF99)
YUV	223.6380, -34.8245, -30.3775
Hunter-Lab	91.9993, -39.7420, 36.5717

Details

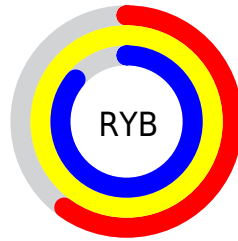
The Hex color **BDF999** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **DB99FF**, and the grayscale version is **E0E0E0**.

A 20% lighter version of the original color is **F7FFD0**, and **85C664** is the 20% darker color. If you saturate the color by 10%, you get **ADFF80**, and if you desaturate by 10%, it is **CEFFB3**.

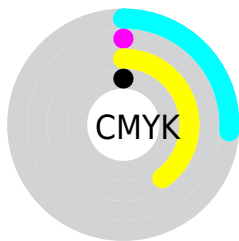
Distribution



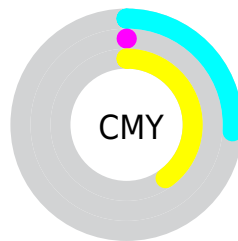
- Red (74%)
- Green (100%)
- Blue (60%)



- Red (60%)
- Yellow (100%)
- Blue (86%)



- Cyan (26%)
- Magenta (0%)
- Yellow (40%)
- Black (0%)



- Cyan (26%)
- Magenta (0%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color BDF999 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 BDF999 by changing the saturation by 10% instead.

 BDFF99

FFFFFF

 F7FFD0

 FFFFED

 BDFF99


 A1E27E

 85C664

 6AAA4B

 4F9032

 347617

 165C00

 004400

 002D00

 001500

 BDF99

 BDF99

 ADF80

 CEFFB3

 9CF66

 DEFFCC

 8CF4D

 EFFE6

 7BF33

FFFFFF

 6BF19

 5AF00

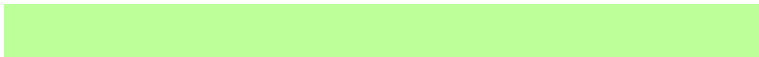
Harmonies

Analogous

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



FAF17F



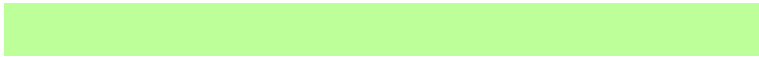
BDFF99



71FFC9

Triad

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



BDF99



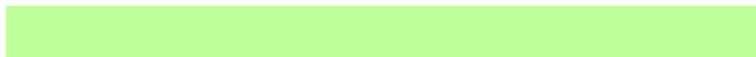
3EFCFF



FFC1D9

Complementary

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



BDF999



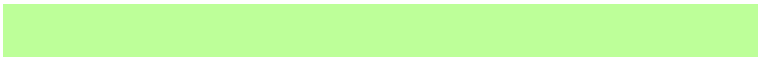
DB99FF

Split Complementary

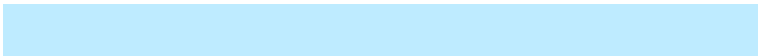
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC5FF



BDFF99



BEEBFF

Square

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



BDCFF9



00FFFF



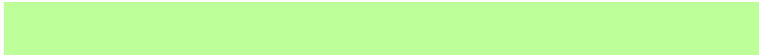
FFD6FF



FFCBA6

Rectangle

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



`BDF99`



`00FFEF`



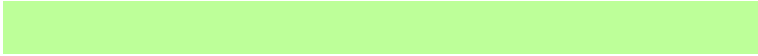
`FFD6FF`



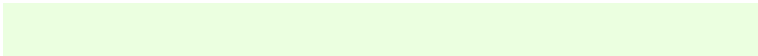
`FFC0EB`

Sweetspot

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



BDF99



EBFFE0



FFDA99



74806E



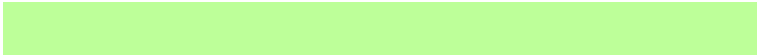
000000



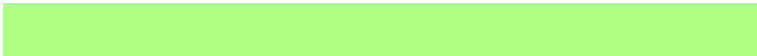
808080

Same Dimension

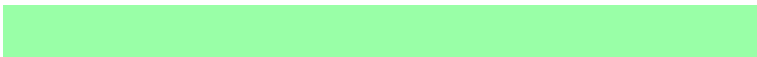
The Same Dimension uses a secret algorithm to generate beautiful new colors.



BDF99



B0FF85



99FFA7



778073



44BF00



174000

Inverse Universe

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



DB99FF



D485FF



FF99F1



7B7380



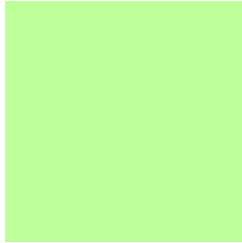
7C00BF



290040

Previews

White Background



This preview shows how the Hex color BDF999 looks on a white background.

Color Contrast Check

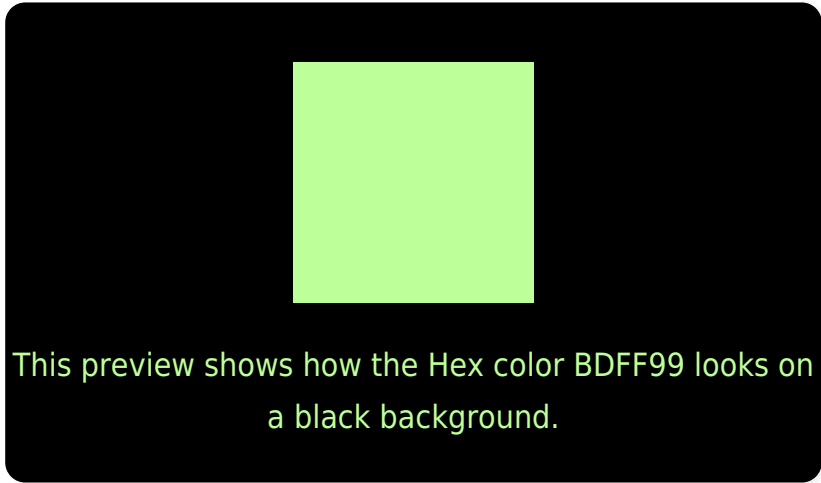
Large Text (above 18pt) WCAG AA × Fail

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

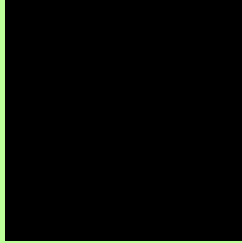
Any Text WCAG AA ✓ Pass

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 BDF99 Background



This preview shows how black text looks on a background with the Hex color BDF99.

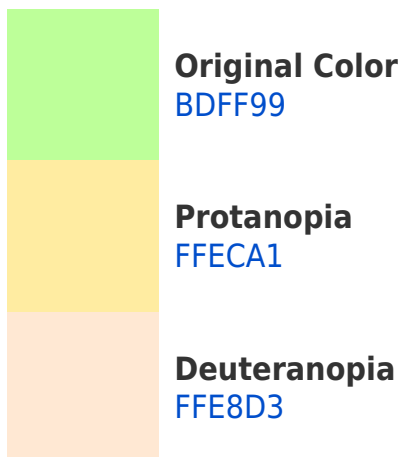


This preview shows how white text looks on a background with the Hex color BDF99.

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



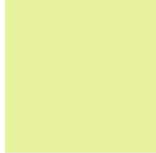


Tritanopia
D7F1FF

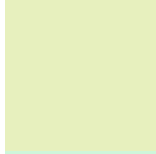
Trichromacy



Original Color
BDF99



Protanomaly
E7F39E

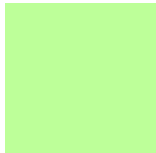


Deuteranomaly
E7F0BE

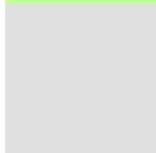


Tritanomaly
CEF6DA

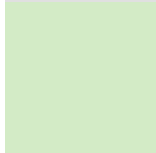
Monochromacy



Original Color
BDF99



Achromatopsia
E0E0E0



Achromatomaly
D3EBC6

CSS Examples

Text

The CSS property to change the color of the text to Hex BDFF99 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 #BDFF99 looks like.

```
.text, #text, p{  
    color:#BDFF99  
}
```

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 #BDFF99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDFF99
}
```

Border

The CSS property to change the border of an element to Hex BDFF99 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
#BDFF99 }
```

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

```
.border{ border-color:#BDFF99 }
```

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

Here you see how a box with a 4 pixel #BDFF99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDFF99; -webkit-box-shadow:4px 4px  
4px 4px #BDFF99; box-shadow:4px 4px 4px  
4px #BDFF99 }
```

Background

The CSS property to change the background color of an element to Hex BFFF99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BFFF99 }
```

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

```
.background{ background-color:#BFFF99 }
```

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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