

Converting Colors

Hex(BDFF9B)

Have a look what the booklet for
Hex(BDFF9B) contains.

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Color

Hex(**BDF99B**)

Conversions

Conversions Part 1

Format	Color
Hex	BDFF9B
RGB	189, 255, 155
RGB Percent	74%, 100%, 61%
CMY	0.2588, 0.0000, 0.3922
CMYK	0.26, 0.00, 0.39, 0.00
HSL	100°, 100%, 80%
HSV	100°, 39%, 100%
XYZ	62.6627, 84.7054, 44.0574
YIQ	223.8660, -7.2360, -45.0920

Conversions

Conversions Part 2

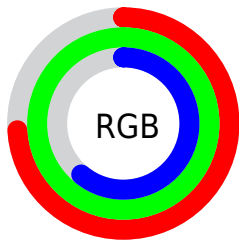
Format	Color
RYB	155, 255, 221
Decimal	12451739
CIELab	93.76, -37.92, 41.31
CIELCh	94, 56.070, 132.549
Yxy	84.7054, 0.3273, 0.4425
Android (android.graphics.Color)	4290641819 (0xFFBDF9B)
YUV	223.8660, -33.9509, -30.5775
Hunter-Lab	92.0355, -39.5299, 36.0427

Details

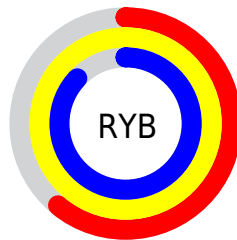
The Hex color **BDF99B** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **DD9BFF**, and the grayscale version is **E0E0E0**.

A 20% lighter version of the original color is **F7FFD2**, and **85C666** is the 20% darker color. If you saturate the color by 10%, you get **ACFF82**, and if you desaturate by 10%, it is **CEFFB4**.

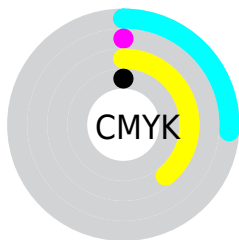
Distribution



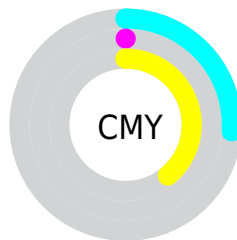
- Red (74%)
- Green (100%)
- Blue (61%)



- Red (61%)
- Yellow (100%)
- Blue (87%)



- Cyan (26%)
- Magenta (0%)
- Yellow (39%)
- Black (0%)



- Cyan (26%)
- Magenta (0%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color BDF99B 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 BDF99B by changing the saturation by 10% instead.

 B D F F 9 B

 B D F F 9 B

F F F F F F

 A 1 E 2 8 0

 F 7 F F D 2

 8 5 C 6 6 6

 F F F F E F

 6 A A A 4 D

 5 0 9 0 3 4

 3 5 7 6 1 A

 1 7 5 C 0 0

 0 0 4 4 0 0

 0 0 2 D 0 0

 0 0 1 6 0 0

 BDFF9B

 BDFF9B

 ACFF82

 CEFFB4

 9BFF68

 DFFFCE

 8BFF4F

 EFFF8

 7AFF35

FFFFFF

 69FF1B

 58FF02

 57FF00

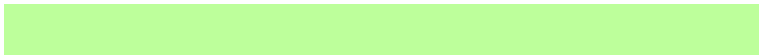
Harmonies

Analogous

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



F9F181



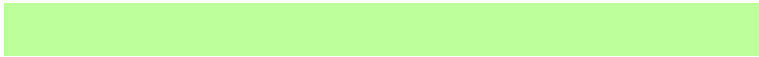
BDFF9B



73FFCB

Triad

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



BDF99B



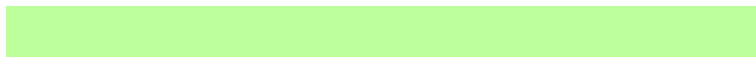
4AFCFF



FFC2D8

Complementary

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



BDF99B



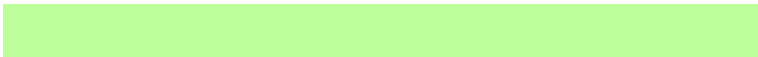
DD9BFF

Split Complementary

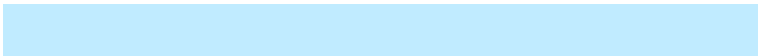
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC6FF



BDF99B



C0EBFF

Square

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



BDF99B



00FFFF



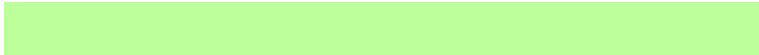
FFD6FF



FFC9A6

Rectangle

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



BDF9B



15FFF0



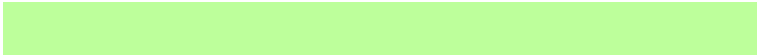
FFD6FF



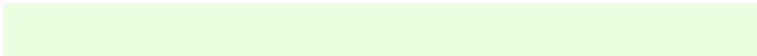
FFC1EB

Sweetspot

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



BDF9B



EBFFE0



FFDC9B



74806E



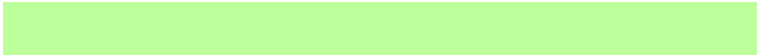
000000



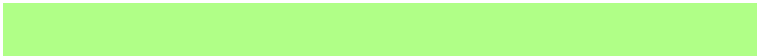
808080

Same Dimension

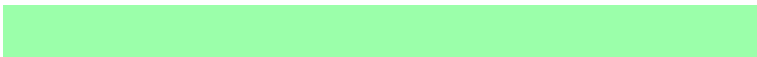
The Same Dimension uses a secret algorithm to generate beautiful new colors.



BDF9B



B0FF87



9BFFAA



778073



41BF00



164000

Inverse Universe

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



DD9BFF



D687FF



FF9BF0



7B7380



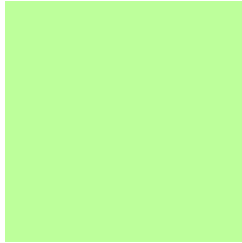
7E00BF



2A0040

Previews

White Background



This preview shows how the Hex color BDF99B looks on a white background.

Color Contrast Check

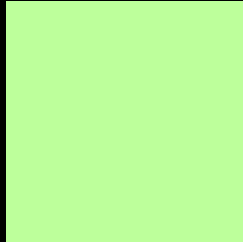
Large Text (above 18pt) WCAG AA × Fail

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 BDF99B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

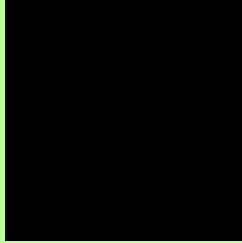
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

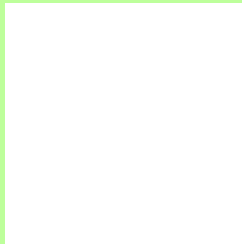
Any Text WCAG AAA ✓ Pass

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

Hex BDF9B Background



This preview shows how black text looks on a background with the Hex color BDF9B.

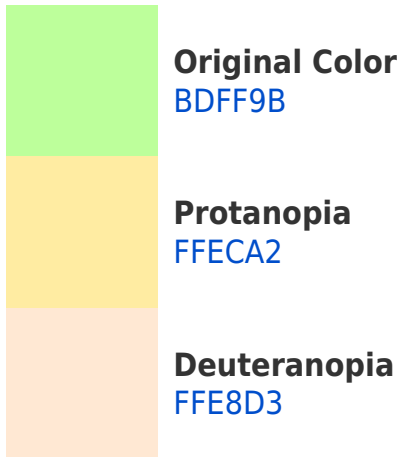


This preview shows how white text looks on a background with the Hex color BDF9B.

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



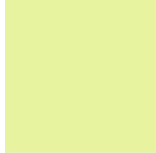


Tritanopia
D7F1FF

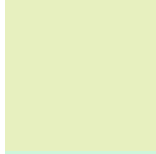
Trichromacy



Original Color
BDFF9B



Protanomaly
E7F39F

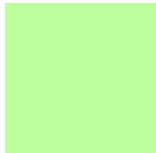


Deuteranomaly
E7F0BF

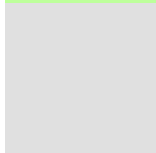


Tritanomaly
CEF6DB

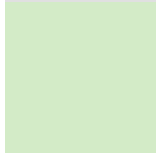
Monochromacy



Original Color
BDFF9B



Achromatopsia
E0E0E0



Achromatomaly
D3EBC7

CSS Examples

Text

The CSS property to change the color of the text to Hex BDFF9B 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 #BDFF9B looks like.

```
.text, #text, p{  
  color:#BDFF9B  
}
```

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 #BDFF9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDFF9B
}
```

Border

The CSS property to change the border of an element to Hex BDFF9B 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
#BDFF9B }
```

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

```
.border{ border-color:#BDFF9B }
```

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

Here you see how a box with a 4 pixel #BDFF9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDFF9B; -webkit-box-shadow:4px 4px  
4px 4px #BDFF9B; box-shadow:4px 4px 4px  
4px #BDFF9B }
```

Background

The CSS property to change the background color of an element to Hex BDF99B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDF99B }
```

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

```
.background{ background-color:#BDF99B }
```

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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