

Converting Colors

Hex(BDFFAF)

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

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Color

Hex(BDFFAF)

Conversions

Conversions Part 1

Format	Color
Hex	<code>BDFFAF</code>
RGB	189, 255, 175
RGB Percent	74%, 100%, 69%
CMY	0.2588, 0.0000, 0.3137
CMYK	0.26, 0.00, 0.31, 0.00
HSL	110°, 100%, 84%
HSV	110°, 31%, 100%
XYZ	64.4841, 85.4340, 53.6492
YIQ	226.1460, -13.6560, -38.8720

Conversions

Conversions Part 2

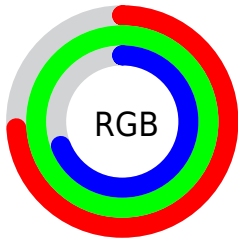
Format	Color
RYB	175, 255, 241
Decimal	12451759
CIELab	94.07, -35.09, 31.81
CIELCh	94, 47.363, 137.809
Yxy	85.4340, 0.3168, 0.4197
Android (android.graphics.Color)	4290641839 (0xFFBDFFAF)
YUV	226.1460, -25.2150, -32.5770
Hunter-Lab	92.4305, -37.2228, 30.2878

Details

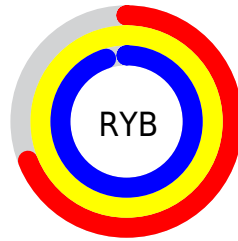
The Hex color **BDFFAF** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **F1AFFF**, and the grayscale version is **E2E2E2**.

A 20% lighter version of the original color is **F7FFE7**, and **86C67A** is the 20% darker color. If you saturate the color by 10%, you get **A8FF95**, and if you desaturate by 10%, it is **D2FFC9**.

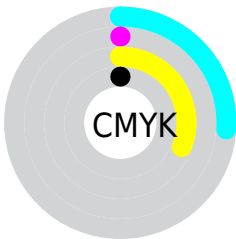
Distribution



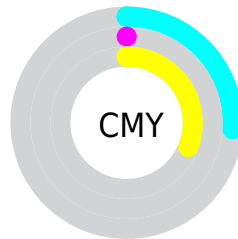
- Red (74%)
- Green (100%)
- Blue (69%)



- Red (69%)
- Yellow (100%)
- Blue (95%)



- Cyan (26%)
- Magenta (0%)
- Yellow (31%)
- Black (0%)



- Cyan (26%)
- Magenta (0%)
- Yellow (31%)

Brightness & Saturation Gradients

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

 BDFFAF

 BDFFAF


FFFFFF

 A1E294

 F7FFE7

 86C67A

 6BAA60

 519048

 377630

 1B5D18

 004400

 002D00

 001700

 BDFFAF

 BDFFAF

 A8FF95

 D2FFC9

 93FF7C

 E7FFE2

 7EFF62

 FCFFFC

 69FF49

FFFFFF

 54FF30

 3FFF16

 2DFF00

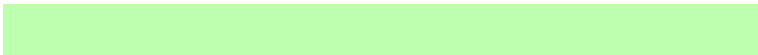
Harmonies

Analogous

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



F1F495



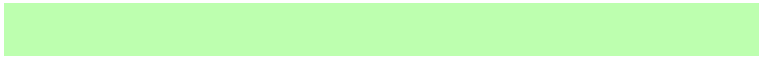
BDFFAF



83FFD9

Triad

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



BDFFAF



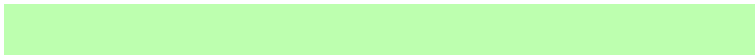
8CF8FF



FFCBD4

Complementary

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



BDFFAF



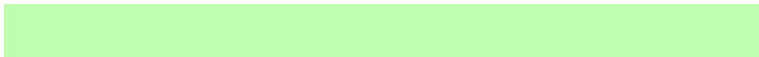
F1AFFF

Split Complementary

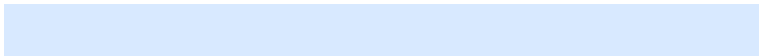
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFCDFF



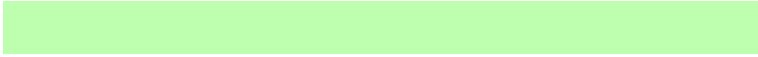
BDFFAF



D8E9FF

Square

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



BDFFAF



40FFFF



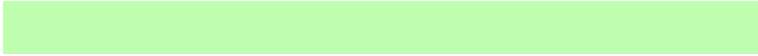
FFD8FF



FFD5AC

Rectangle

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



BDFFAF



59FFF9



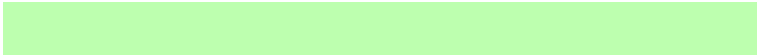
FFD8FF



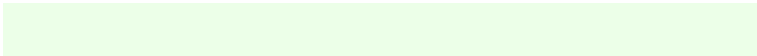
FFCAE4

Sweetspot

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



BDFFAF



ECFFE8



FFF0AF



748071



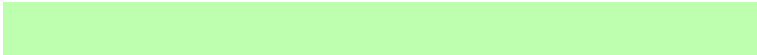
000000



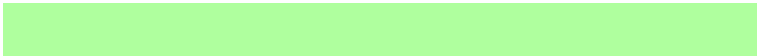
808080

Same Dimension

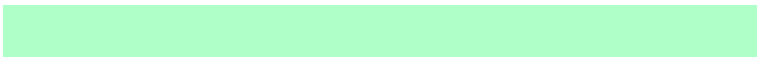
The Same Dimension uses a secret algorithm to generate beautiful new colors.



`BDFFAF`



`AFFF9E`



`AFFFC8`



`758073`



`21BF00`



`0B4000`

Inverse Universe

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



F1AFFF



EE9EFF



FFAFE6



7D7380



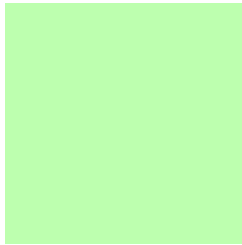
9E00BF



350040

Previews

White Background



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

Color Contrast Check

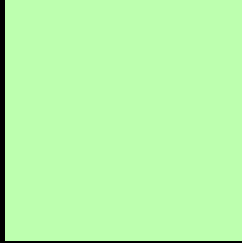
Large Text (above 18pt) WCAG AA × Fail

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 BDFFAF 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 BDFFAF Background



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

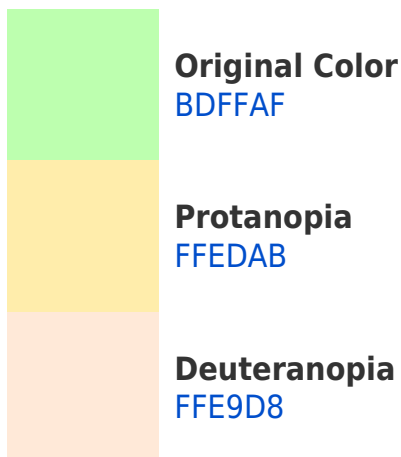


This preview shows how white text looks on a background with the Hex color BDFFAF.

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



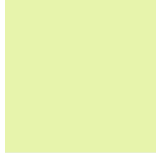


Tritanopia
D8F2FF

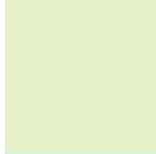
Trichromacy



Original Color
BDFFAF



Protanomaly
E7F4AC

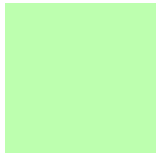


Deuteranomaly
E7F1C9

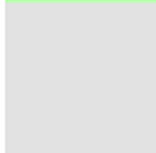


Tritanomaly
CEF7E2

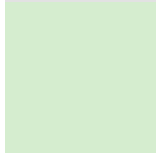
Monochromacy



Original Color
BDFFAF



Achromatopsia
E2E2E2



Achromatomaly
D5EDCF

CSS Examples

Text

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

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

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 #BDFFAF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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