

Converting Colors

Hex(BDFFA9)

Have a look what the booklet for
Hex(BDFFA9) contains.

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Color

Hex(BDFFA9)

Conversions

Conversions Part 1

Format	Color
Hex	<code>BDFFA9</code>
RGB	189, 255, 169
RGB Percent	74%, 100%, 66%
CMY	0.2588, 0.0000, 0.3373
CMYK	0.26, 0.00, 0.34, 0.00
HSL	106°, 100%, 83%
HSV	106°, 34%, 100%
XYZ	63.9077, 85.2034, 50.6137
YIQ	225.4620, -11.7300, -40.7380

Conversions

Conversions Part 2

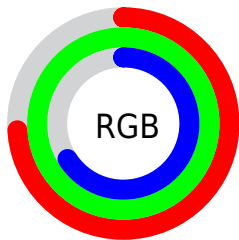
Format	Color
RYB	169, 255, 235
Decimal	12451753
CIELab	93.97, -35.98, 34.68
CIELCh	94, 49.968, 136.055
Yxy	85.2034, 0.3200, 0.4266
Android (android.graphics.Color)	4290641833 (0xFFBDDFFA9)
YUV	225.4620, -27.8358, -31.9772
Hunter-Lab	92.3057, -37.9507, 32.1037

Details

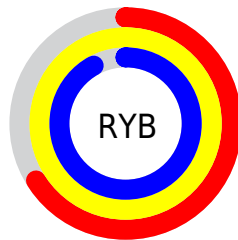
The Hex color **BDFFA9** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **EBA9FF**, and the grayscale version is **E2E2E2**.

A 20% lighter version of the original color is **F7FFE1**, and **86C674** is the 20% darker color. If you saturate the color by 10%, you get **A9FF90**, and if you desaturate by 10%, it is **D1FFC3**.

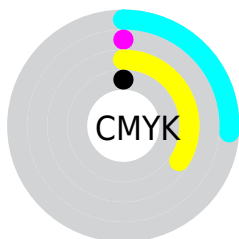
Distribution



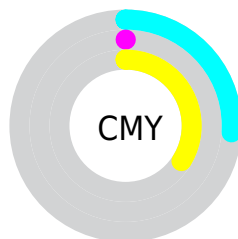
- Red (74%)
- Green (100%)
- Blue (66%)



- Red (66%)
- Yellow (100%)
- Blue (92%)



- Cyan (26%)
- Magenta (0%)
- Yellow (34%)
- Black (0%)



- Cyan (26%)
- Magenta (0%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color BDFFA9 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 BDFFA9 by changing the saturation by 10% instead.

 BDFFA9

FFFFFF

 F7FFE1


FFFFFFE

 BDFFA9

 A1E28E

 86C674

 6BAA5B

 519042

 36762A

 1A5C11

 004400

 002D00

 001600

 BDFFA9

 BDFFA9

 A9FF90

 D1FFC3

 96FF76

 E4FFDC

 82FF5D

 F8FFF6

 6FFF43

FFFFFF

 5BFF2A

 48FF10

 3BFF00

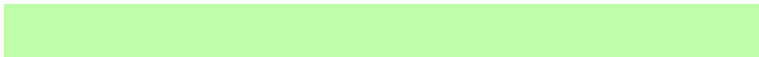
Harmonies

Analogous

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



F3F38F



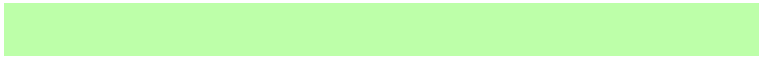
BDFFA9



7EFFD5

Triad

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



BDFFA9



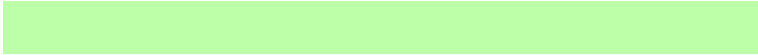
7DF9FF



FFC9D5

Complementary

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



BDFFA9



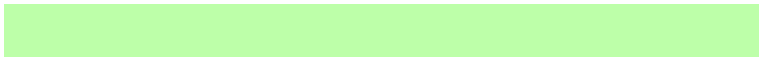
EBA9FF

Split Complementary

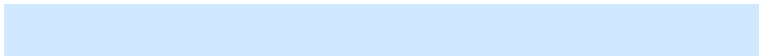
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFCAFF



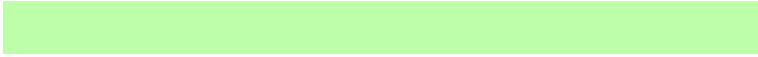
BDFFA9



D1E9FF

Square

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



BDFFA9



03FFFF



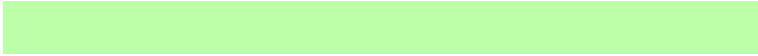
FFD8FF



FFD3AA

Rectangle

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



`BDFFA9`



`4BFFF6`



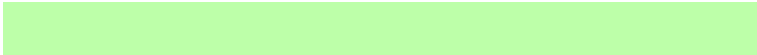
`FFD8FF`



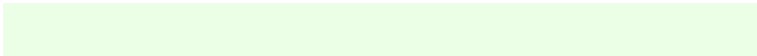
`FFC8E6`

Sweetspot

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



BDFFA9



EBFFE6



FFEBA9



748070



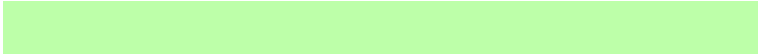
000000



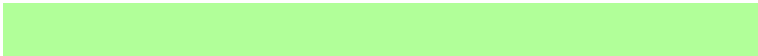
808080

Same Dimension

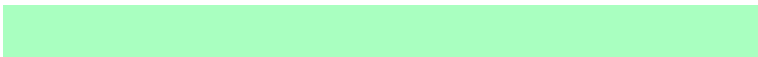
The Same Dimension uses a secret algorithm to generate beautiful new colors.



BDFFA9



B1FF99



A9FFC0



768073



2CBF00



0F4000

Inverse Universe

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



EBA9FF



E799FF



FFA9E8



7D7380



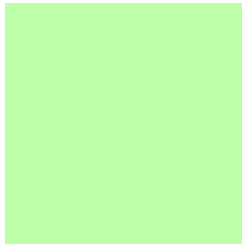
9300BF



310040

Previews

White Background



This preview shows how the Hex color BDDFA9 looks on a white background.

Color Contrast Check

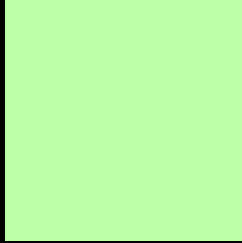
Large Text (above 18pt) WCAG AA × Fail

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 BDFFA9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

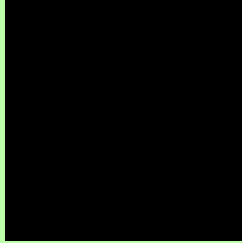
Any Text WCAG AA ✓ Pass

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 BDFFA9 Background



This preview shows how black text looks on a background with the Hex color BDFFA9.

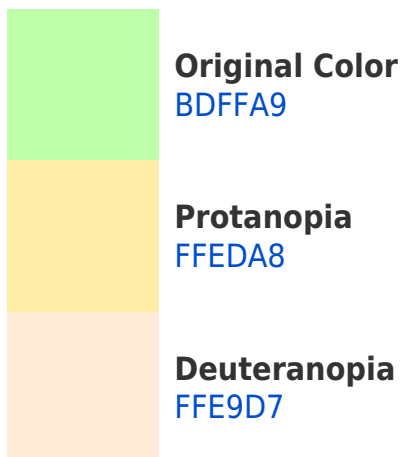


This preview shows how white text looks on a background with the Hex color BDFFA9.

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



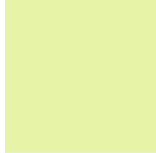


Tritanopia
D7F1FF

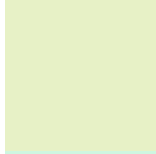
Trichromacy



Original Color
BDFFA9



Protanomaly
E7F4A8

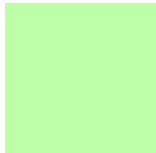


Deuteranomaly
E7F1C6

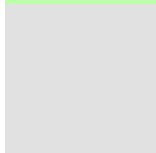


Tritanomaly
CEF6E0

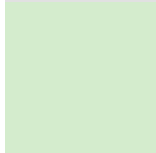
Monochromacy



Original Color
BDFFA9



Achromatopsia
E1E1E1



Achromatomaly
D4ECCD

CSS Examples

Text

The CSS property to change the color of the text to Hex BDFFA9 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 #BDFFA9 looks like.

```
.text, #text, p{  
    color:#BDFFA9  
}
```

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 #BDFFA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDFFA9
}
```

Border

The CSS property to change the border of an element to Hex BDFFA9 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
#BDFFA9 }
```

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

```
.border{ border-color:#BDFFA9 }
```

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

Here you see how a box with a 4 pixel #BDFFA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDFFA9; -webkit-box-shadow:4px 4px  
4px 4px #BDFFA9; box-shadow:4px 4px 4px  
4px #BDFFA9 }
```

Background

The CSS property to change the background color of an element to Hex BDFFA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDFFA9 }
```

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

```
.background{ background-color:#BDFFA9 }
```

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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