

Converting Colors

Hex(BDF8A9)

Have a look what the booklet for
Hex(BDF8A9) contains.

Hex(BDF8A9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(BDF8A9)

Conversions

Conversions Part 1

Format	Color
Hex	BDF8A9
RGB	189, 248, 169
RGB Percent	74%, 97%, 66%
CMY	0.2588, 0.0275, 0.3373
CMYK	0.24, 0.00, 0.32, 0.03
HSL	105°, 85%, 82%
HSV	105°, 32%, 97%
XYZ	61.7151, 80.8182, 49.8829
YIQ	221.3530, -9.8050, -37.0770

Conversions

Conversions Part 2

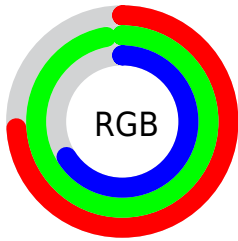
Format	Color
RYB	169, 248, 228
Decimal	12449961
CIELab	92.05, -32.77, 32.11
CIELCh	92, 45.882, 135.578
Yxy	80.8182, 0.3207, 0.4200
Android (android.graphics.Color)	4290640041 (0xFFBDF8A9)
YUV	221.3530, -25.8100, -28.3736
Hunter-Lab	89.8989, -34.7839, 30.0306

Details

The Hex color **BDF8A9** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **E4A9F8**, and the grayscale version is **DEDEDE**.

A 20% lighter version of the original color is **F6FFE1**, and **86BF74** is the 20% darker color. If you saturate the color by 10%, you get **AAF890**, and if you desaturate by 10%, it is **D0F8C2**.

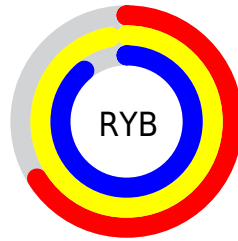
Distribution



Red (74%)

Green (97%)

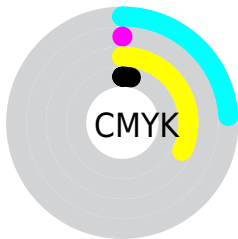
Blue (66%)



Red (66%)

Yellow (97%)

Blue (89%)

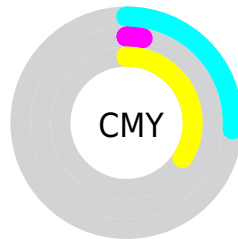


Cyan (24%)

Magenta (0%)

Yellow (32%)

Black (3%)



Cyan (26%)

Magenta (3%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color BDF8A9 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 BDF8A9 by changing the saturation by 10% instead.

 BDF8A9

FFFFFF

 F6FFE1

FFFFFFE

 BDF8A9

 A1DB8E

 86BF74

 6CA45B

 528943

 38702B

 1D5713

 003F00

 002900

 000E00

 BDF8A9

 BDF8A9

 AAF890

 D0F8C2

 98F877

 E2F8DB

 85F85F

 F5F8F3

 73F846

 FFF8FF

 60F82D

 4EF814

 3FF800

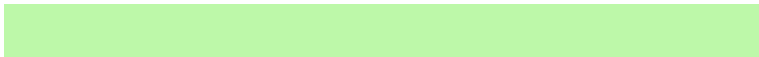
Harmonies

Analogous

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



EFED92



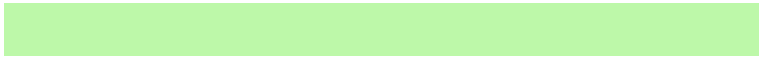
BDF8A9



86FED1

Triad

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



BDF8A9



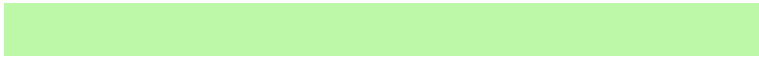
85F3FF



FFC7D3

Complementary

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



BDF8A9



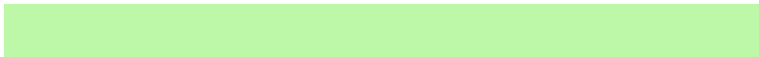
E4A9F8

Split Complementary

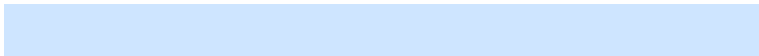
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC9FF



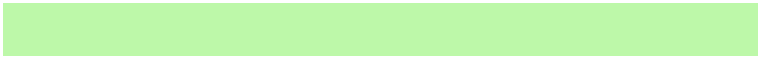
BDF8A9



CEE5FF

Square

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



BDF8A9



41FCFF



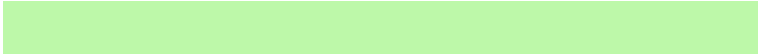
FFD5FF



FFCFAB

Rectangle

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



BDF8A9



5EFFEF



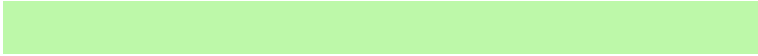
FFD5FF



FFC6E1

Sweetspot

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



BDF8A9



ECFFE6



F8E3A9



748070



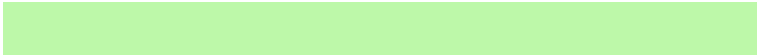
000000



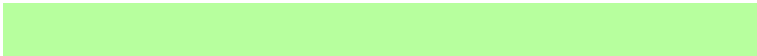
808080

Same Dimension

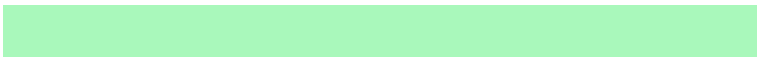
The Same Dimension uses a secret algorithm to generate beautiful new colors.



BDF8A9



B7FF9E



A9F8BB



747D70



30BD00



0F3D00

Inverse Universe

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



E4A9F8



E69EFF



F8A9E6



7A707D



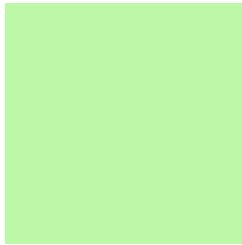
8D00BD



2E003D

Previews

White Background



This preview shows how the Hex color BDF8A9 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 BDF8A9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

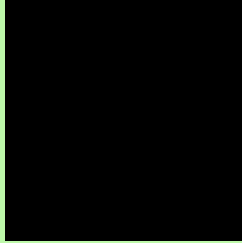
Any Text WCAG AA ✓ Pass

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 BDF8A9 Background



This preview shows how black text looks on a background with the Hex color BDF8A9.

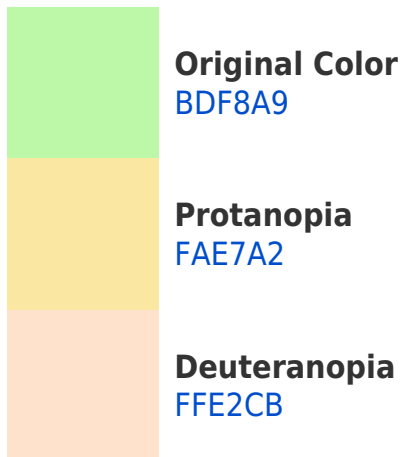


This preview shows how white text looks on a background with the Hex color BDF8A9.

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](#).

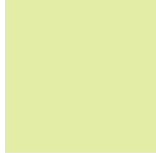
Dichromacy



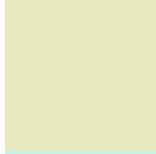
Trichromacy



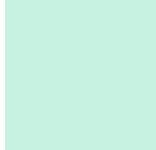
Original Color
BDF8A9



Protanomaly
E4EDA5



Deuteranomaly
E7EABF

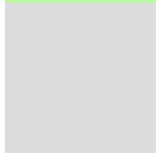


Tritanomaly
C7F1E0

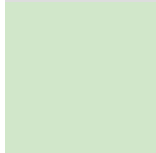
Monochromacy



Original Color
BDF8A9



Achromatopsia
DDDDDD



Achromatomaly
D1E7CA

CSS Examples

Text

The CSS property to change the color of the text to Hex BDF8A9 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 #BDF8A9 looks like.

```
.text, #text, p{  
    color:#BDF8A9  
}
```

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 #BDF8A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDF8A9
}
```

Border

The CSS property to change the border of an element to Hex BDF8A9 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
#BDF8A9 }
```

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

```
.border{ border-color:#BDF8A9 }
```

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

Here you see how a box with a 4 pixel #BDF8A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDF8A9; -webkit-box-shadow:4px 4px  
4px 4px #BDF8A9; box-shadow:4px 4px 4px  
4px #BDF8A9 }
```

Background

The CSS property to change the background color of an element to Hex BDF8A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDF8A9 }
```

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

```
.background{ background-color:#BDF8A9 }
```

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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