

# Converting Colors

Hex(BBFFDF)

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

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

# **Color**

**Hex(BBFFDF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBFFDF
RGB	187, 255, 223
RGB Percent	73%, 100%, 87%
CMY	0.2667, 0.0000, 0.1255
CMYK	0.27, 0.00, 0.13, 0.00
HSL	152°, 100%, 87%
HSV	152°, 27%, 100%
XYZ	69.5728, 87.4125, 83.0175
YIQ	231.0200, -30.2560, -24.3680

# Conversions

## Conversions Part 2

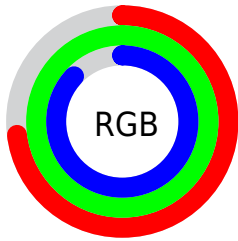
<b>Format</b>	<b>Color</b>
<b>RYB</b>	187, 231, 255
Decimal	12320735
CIELab	94.91, -27.46, 8.52
CIELCh	95, 28.751, 162.767
Yxy	87.4125, 0.2899, 0.3642
Android (android.graphics.Color)	4290510815 (0xFFBBFFDF)
YUV	231.0200, -3.9539, -38.6055
Hunter-Lab	93.4947, -30.7873, 12.8004

# Details

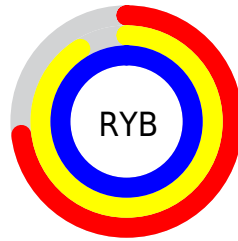
The Hex color **BBFFDF** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **FFBDB**, and the grayscale version is **E7E7E7**.

A 20% lighter version of the original color is **F4FFFF**, and **84C6A8** is the 20% darker color. If you saturate the color by 10%, you get **A2FFD3**, and if you desaturate by 10%, it is **D4FFEB**.

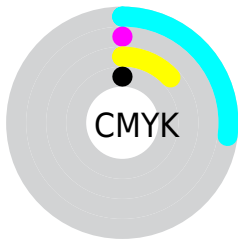
# Distribution



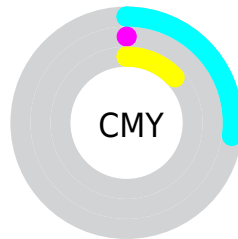
- Red (73%)
- Green (100%)
- Blue (87%)



- Red (73%)
- Yellow (91%)
- Blue (100%)



- Cyan (27%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)



- Cyan (27%)
- Magenta (0%)
- Yellow (13%)

# Brightness & Saturation Gradients

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



 BBFFDF

 BBFFDF

FFFFFF

 9FE2C3

 F4FFFF

 84C6A8

 6AAB8D

 509074

 36765B

 1A5D44

 00452D

 002E19

 001A00

 BBFFDF

 BBFFDF

 A2FFD3

 D4FFEB

 88FFC7

 EEEFF7

 6EFFBB

FFFFFF

 55FFAF

 3BFFA3

 22FF97

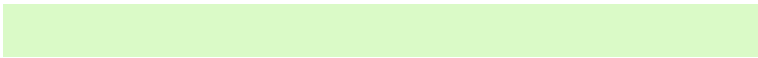
 08FF8B

 00FF87

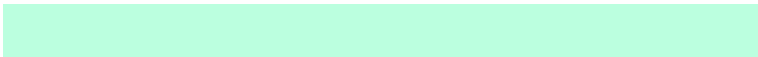
# Harmonies

## Analogous

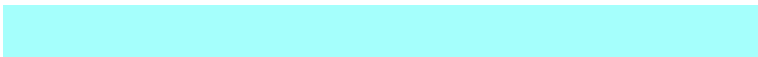
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



DAFAC7



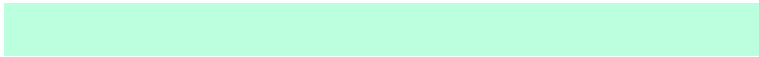
BBFFDF



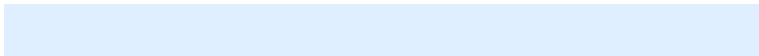
A5FFFC

# Triad

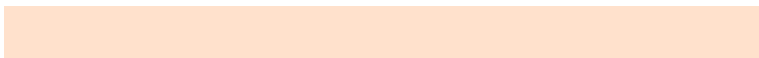
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



BBFFDF



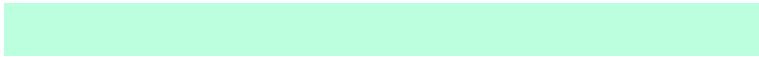
E0EFFF



FFE1CC

# Complementary

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



BBFFDF



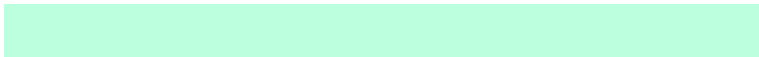
FFBDB

# 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.



FFDDE5



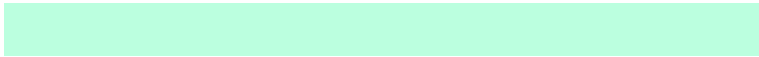
BBFFDF



FFE5FF

# Square

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



BBFFDF



BBF8FF



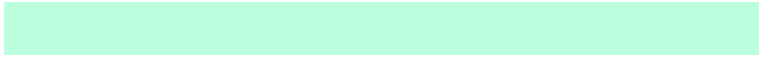
FFDEFF



FFE9BC

# Rectangle

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



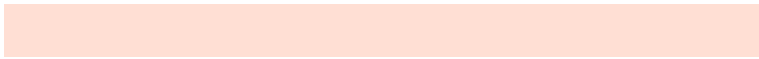
BBFFDF



A2FFFF



FFDEFF

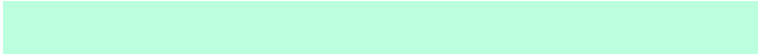


FFDFD4



# Sweetspot

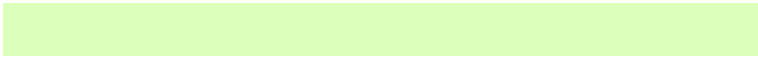
The Sweet Spot groups the original color and five complimentary colors.



BBFFDF



EBFFF5



DCFFBB



73807A



000000

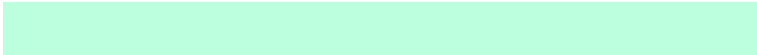


808080

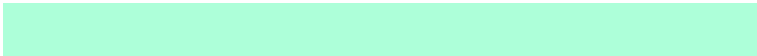


# Same Dimension

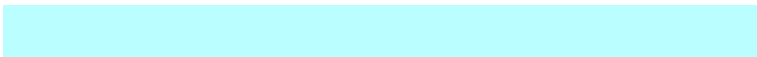
The Same Dimension uses a secret algorithm to generate beautiful new colors.



BBFFDF



ADFFD9



BBFEFF



73807A



00BF65



004022



# Inverse Universe

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



FFBDB



FFADD4



FFBCBB



807379



BF005A

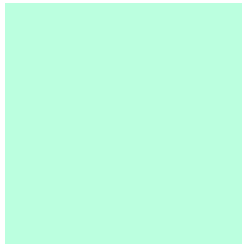


40001E



# Previews

## White Background



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

## Color Contrast Check

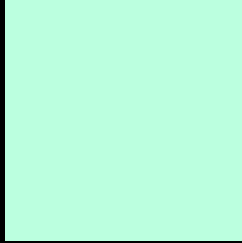
Large Text (above 18pt) WCAG AA × Fail

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 BBFFDF 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 BBFFDF Background



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

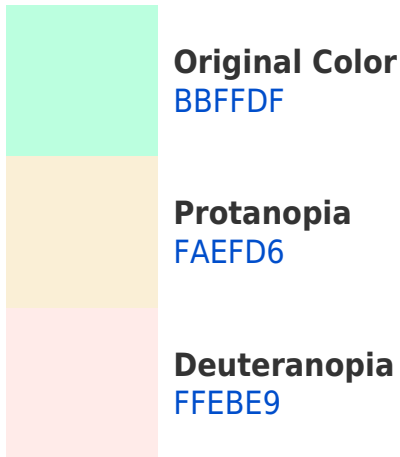


This preview shows how white text looks on a background with the Hex color BBFFDF.

# 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



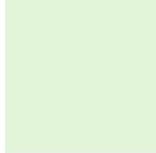


**Tritanopia**  
DAF4FF

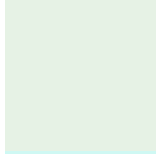
# Trichromacy



**Original Color**  
BBFFDF



**Protanomaly**  
E3F5D9

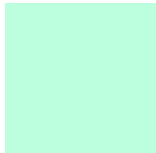


**Deuteranomaly**  
E6F2E5

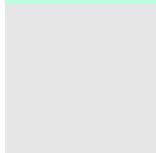


**Tritanomaly**  
CFF8F3

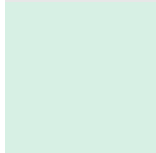
# Monochromacy



**Original Color**  
BBFFDF



**Achromatopsia**  
E7E7E7



**Achromatomaly**  
D7F0E4

# CSS Examples

## Text

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

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

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 #BBFFDF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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