

Converting Colors

Hex(B2FF87)

Have a look what the booklet for
Hex(B2FF87) contains.

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Color

Hex(B2FF87)

Conversions

Conversions Part 1

Format	Color
Hex	B2FF87
RGB	178, 255, 135
RGB Percent	70%, 100%, 53%
CMY	0.3020, 0.0000, 0.4706
CMYK	0.30, 0.00, 0.47, 0.00
HSL	99°, 100%, 76%
HSV	99°, 47%, 100%
XYZ	58.4933, 82.7342, 35.8081
YIQ	218.2970, -7.3720, -53.6440

Conversions

Conversions Part 2

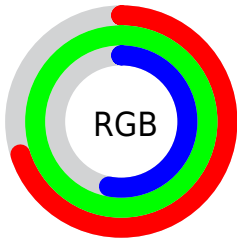
Format	Color
RYB	135, 255, 212
Decimal	11730823
CIELab	92.90, -44.09, 49.70
CIELCh	93, 66.442, 131.575
Yxy	82.7342, 0.3304, 0.4673
Android (android.graphics.Color)	4289920903 (0xFFB2FF87)
YUV	218.2970, -41.0654, -35.3405
Hunter-Lab	90.9584, -44.3878, 40.3299

Details

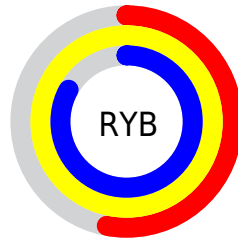
The Hex color **B2FF87** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **D487FF**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **ECFFBE**, and **7AC652** is the 20% darker color. If you saturate the color by 10%, you get **A2FF6E**, and if you desaturate by 10%, it is **C2FFA1**.

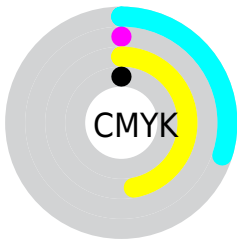
Distribution



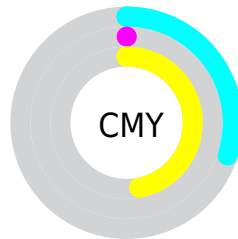
- Red (70%)
- Green (100%)
- Blue (53%)



- Red (53%)
- Yellow (100%)
- Blue (83%)



- Cyan (30%)
- Magenta (0%)
- Yellow (47%)
- Black (0%)



- Cyan (30%)
- Magenta (0%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2FF87 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 B2FF87 by changing the saturation by 10% instead.

 B2FF87

 B2FF87

FFFFFF

 96E26C

 ECFFBE

 7AC652

 FFFFDB

 5EAA38

 FFFFF8

 428F1C

 237500

 005C00

 004300

 002D00

 001200

 B2FF87

 B2FF87

 A2FF6E

 C2FFA1

 91FF54

 D3FFBA

 81FF3A

 E3FFD4

 71FF21

 F3FFED

 60FF08

FFFFFF

 5BFF00

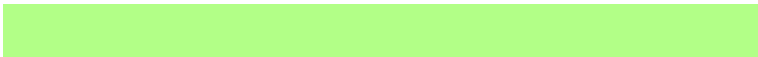
Harmonies

Analogous

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



F8EF67



B2FF87



49FFC0

Triad

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



B2FF87



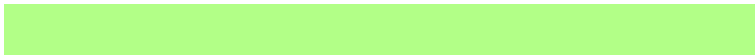
00FCFF



FFB4D4

Complementary

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



B2FF87



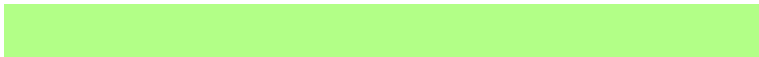
D487FF

Split Complementary

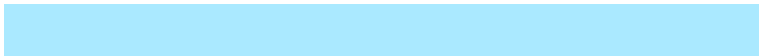
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFBAFF



B2FF87



AAE9FF

Square

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



B2FF87



00FFFF



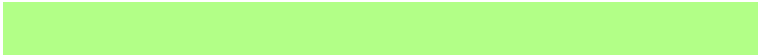
FFD0FF



FFC299

Rectangle

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



B2FF87



00FFEC



FFD0FF



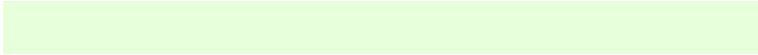
FFB4EA

Sweetspot

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



B2FF87



E8FFDB



FFD387



72806A



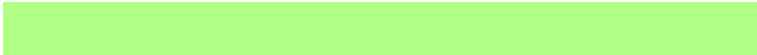
000000



808080

Same Dimension

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



B2FF87



A3FF70



87FF97



778073



45BF00



174000

Inverse Universe

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



D487FF



CC70FF



FF87EF



7B7380



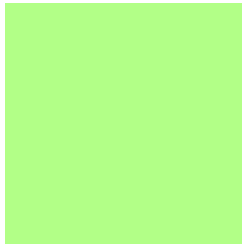
7B00BF



290040

Previews

White Background



This preview shows how the Hex color B2FF87 looks on a white background.

Color Contrast Check

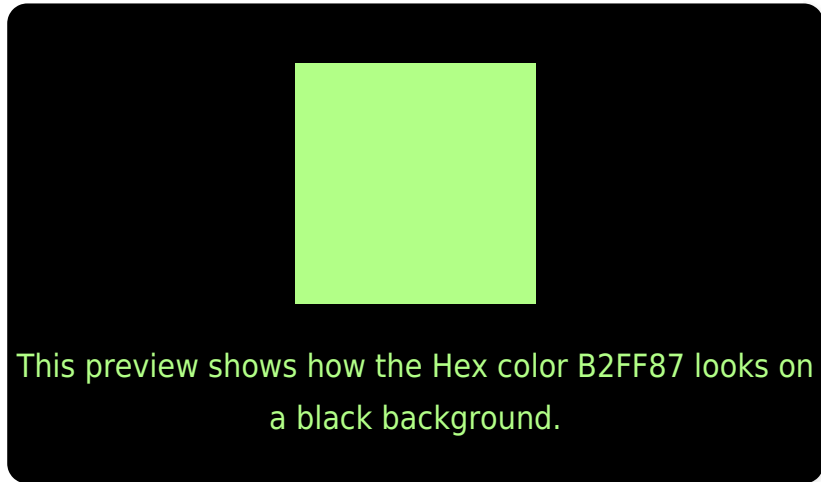
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 B2FF87 Background



This preview shows how black text looks on a background with the Hex color B2FF87.

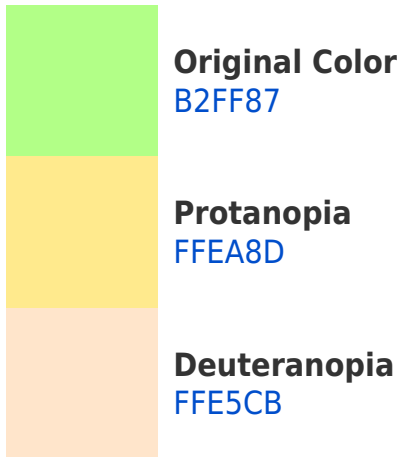


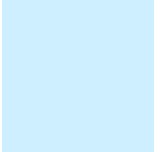
This preview shows how white text looks on a background with the Hex color B2FF87.

Color Blindness Simulation

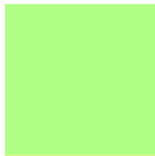
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

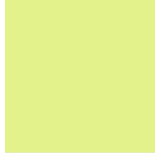




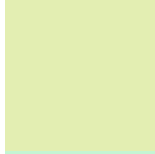
Trichromacy



Original Color
B2FF87



Protanomaly
E3F28B



Deuteranomaly
E3EEB2

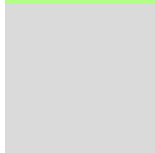


Tritanomaly
C4F5D3

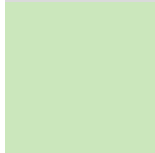
Monochromacy



Original Color
B2FF87



Achromatopsia
DADADA



Achromatomaly
CBE7BC

CSS Examples

Text

The CSS property to change the color of the text to Hex B2FF87 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 #B2FF87 looks like.

```
.text, #text, p{  
    color:#B2FF87  
}
```

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 #B2FF87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2FF87
}
```

Border

The CSS property to change the border of an element to Hex B2FF87 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
#B2FF87 }
```

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

```
.border{ border-color:#B2FF87 }
```

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

Here you see how a box with a 4 pixel #B2FF87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2FF87; -webkit-box-shadow:4px 4px  
4px 4px #B2FF87; box-shadow:4px 4px 4px  
4px #B2FF87 }
```

Background

The CSS property to change the background color of an element to Hex B2FF87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2FF87 }
```

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

```
.background{ background-color:#B2FF87 }
```

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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