

Converting Colors

Hex(B2FE9D)

Have a look what the booklet for
Hex(B2FE9D) contains.

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Color

Hex(**B2FE9D**)

Conversions

Conversions Part 1

Format	Color
Hex	B2FE9D
RGB	178, 254, 157
RGB Percent	70%, 100%, 62%
CMY	0.3020, 0.0039, 0.3843
CMYK	0.30, 0.00, 0.38, 0.00
HSL	107°, 98%, 81%
HSV	107°, 38%, 100%
XYZ	59.8877, 82.7829, 44.7206
YIQ	220.2180, -14.1590, -46.2790

Conversions

Conversions Part 2

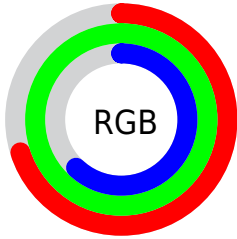
Format	Color
RYB	157, 254, 233
Decimal	11730589
CIELab	92.92, -40.83, 39.13
CIELCh	93, 56.550, 136.221
Yxy	82.7829, 0.3196, 0.4418
Android (android.graphics.Color)	4289920669 (0xFFB2FE9D)
YUV	220.2180, -31.1665, -37.0252
Hunter-Lab	90.9851, -41.7327, 34.5476

Details

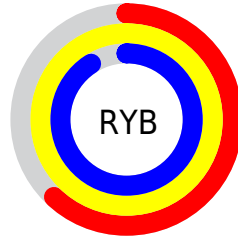
The Hex color **B2FE9D** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **E99DFE**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **ECFFD4**, and **7AC568** is the 20% darker color. If you saturate the color by 10%, you get **9EFE84**, and if you desaturate by 10%, it is **C6FEB6**.

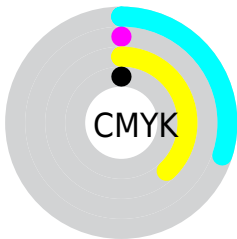
Distribution



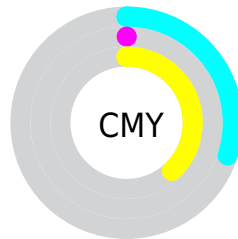
- Red (70%)
- Green (100%)
- Blue (62%)



- Red (62%)
- Yellow (100%)
- Blue (91%)



- Cyan (30%)
- Magenta (0%)
- Yellow (38%)
- Black (0%)



- Cyan (30%)
- Magenta (0%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2FE9D 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 B2FE9D by changing the saturation by 10% instead.

 B2FE9D

FFFFFF

 ECFFD4

 FFFFF1

 B2FE9D

 96E182

 7AC568

 5FA94F

 448E36

 27741D

 005B00

 004300

 002C00

 001200

 B2FE9D

 B2FE9D

 9EFE84

 C6FEB6

 8AFE6A

 DAFED0

 76FE51

 EEFE09

 62FE37

FFFEFF

 4EFE1E

 3BFE05

 37FE00

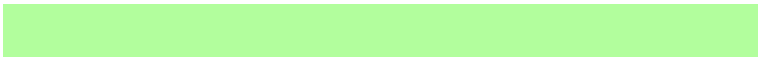
Harmonies

Analogous

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



EFF17F



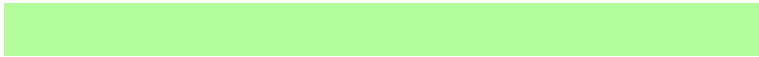
B2FE9D



63FFCF

Triad

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



B2FE9D



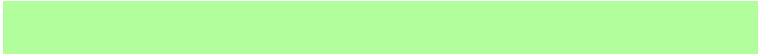
56F8FF



FFBFCF

Complementary

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



B2FE9D



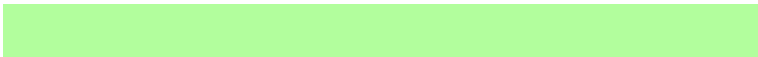
E99DFE

Split Complementary

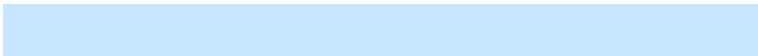
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC2FF



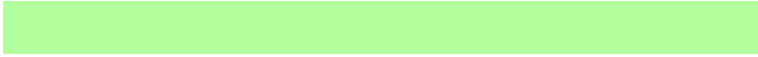
B2FE9D



C8E6FF

Square

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



B2FE9D



00FFFF



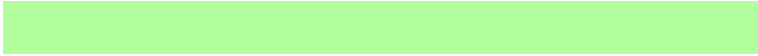
FFD1FF



FFCC9E

Rectangle

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



B2FE9D



00FFF5



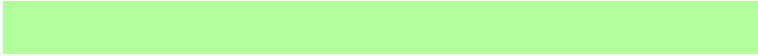
FFD1FF



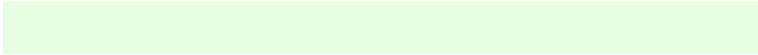
FFBEE1

Sweetspot

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



B2FE9D



E9FFE3



FEE99D



73806F



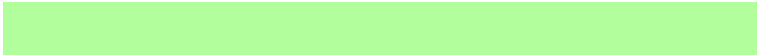
000000



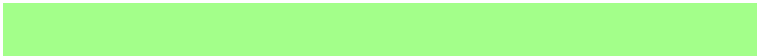
808080

Same Dimension

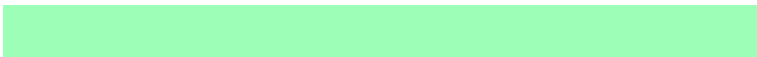
The Same Dimension uses a secret algorithm to generate beautiful new colors.



B2FE9D



A3FF8A



9DFEB8



768073



29BF00



0E4000

Inverse Universe

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



E99DFE



E68AFF



FE9DE3



7D7380



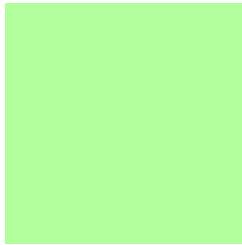
9600BF



320040

Previews

White Background



This preview shows how the Hex color B2FE9D looks on a white background.

Color Contrast Check

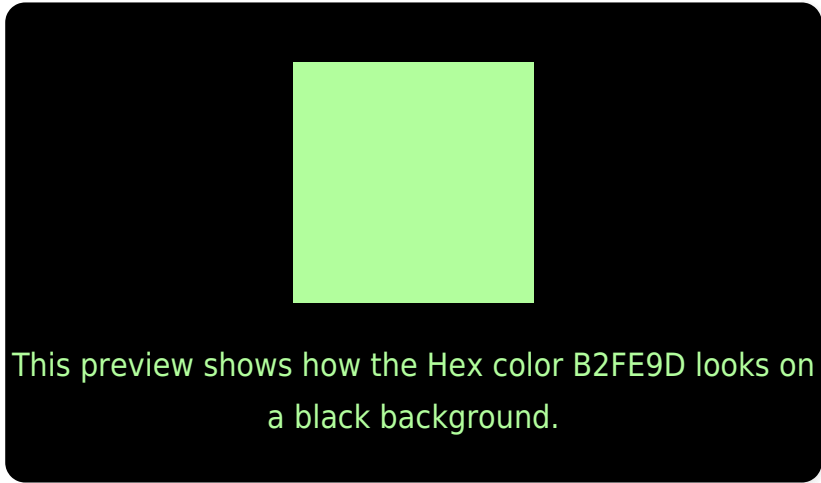
Large Text (above 18pt) WCAG AA × Fail

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

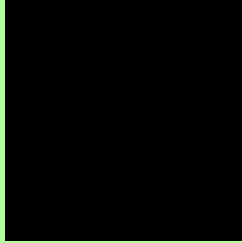
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

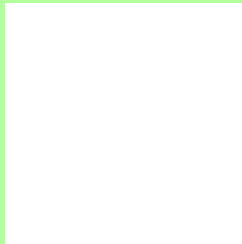
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex B2FE9D Background



This preview shows how black text looks on a background with the Hex color B2FE9D.

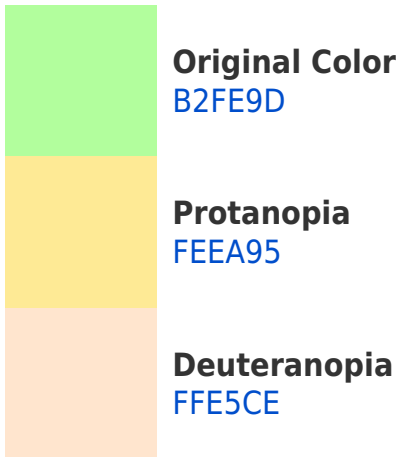


This preview shows how white text looks on a background with the Hex color B2FE9D.

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](#).

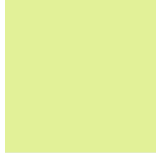
Dichromacy



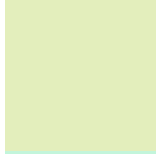
Trichromacy



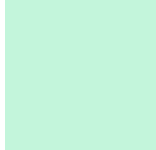
Original Color
B2FE9D



Protanomaly
E2F198

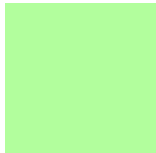


Deuteranomaly
E3EEBC

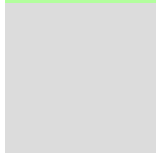


Tritanomaly
C3F5DB

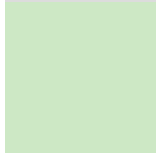
Monochromacy



Original Color
B2FE9D



Achromatopsia
DCDCDC



Achromatomaly
CDE8C5

CSS Examples

Text

The CSS property to change the color of the text to Hex B2FE9D 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 #B2FE9D looks like.

```
.text, #text, p{  
    color:#B2FE9D  
}
```

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 #B2FE9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2FE9D
}
```

Border

The CSS property to change the border of an element to Hex B2FE9D 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
#B2FE9D }
```

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

```
.border{ border-color:#B2FE9D }
```

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

Here you see how a box with a 4 pixel #B2FE9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2FE9D; -webkit-box-shadow:4px 4px  
4px 4px #B2FE9D; box-shadow:4px 4px 4px  
4px #B2FE9D }
```

Background

The CSS property to change the background color of an element to Hex B2FE9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2FE9D }
```

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

```
.background{ background-color:#B2FE9D }
```

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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