

Converting Colors

Hex(B2FEC7)

Have a look what the booklet for
Hex(B2FEC7) contains.

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Color

Hex(B2FEC7)

Conversions

Conversions Part 1

Format	Color
Hex	B2FEC7
RGB	178, 254, 199
RGB Percent	70%, 100%, 78%
CMY	0.3020, 0.0039, 0.2196
CMYK	0.30, 0.00, 0.22, 0.00
HSL	137°, 97%, 85%
HSV	137°, 30%, 100%
XYZ	64.1107, 84.4721, 66.9586
YIQ	225.0060, -27.6410, -33.2170

Conversions

Conversions Part 2

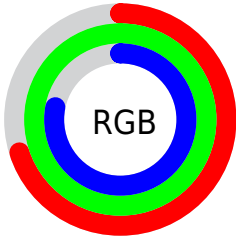
Format	Color
RYB	178, 238, 254
Decimal	11730631
CIELab	93.66, -34.15, 18.98
CIELCh	94, 39.075, 150.933
Yxy	84.4721, 0.2974, 0.3919
Android (android.graphics.Color)	4289920711 (0xFFB2FEC7)
YUV	225.0060, -12.8210, -41.2243
Hunter-Lab	91.9087, -36.3280, 21.1413

Details

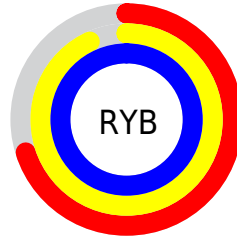
The Hex color **B2FEC7** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **FEB2E9**, and the grayscale version is **E1E1E1**.

A 20% lighter version of the original color is **EBFFFF**, and **7BC591** is the 20% darker color. If you saturate the color by 10%, you get **99FEB5**, and if you desaturate by 10%, it is **CBFED9**.

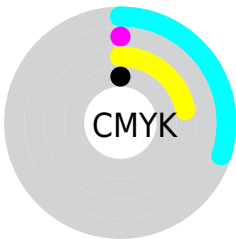
Distribution



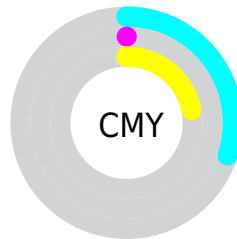
- Red (70%)
- Green (100%)
- Blue (78%)



- Red (70%)
- Yellow (93%)
- Blue (100%)



- Cyan (30%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)



- Cyan (30%)
- Magenta (0%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2FEC7 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 B2FEC7 by changing the saturation by 10% instead.

 B2FEC7

FFFFFF

 EBFFFF

 B2FEC7

 96E1AC

 7BC591

 60A977

 468F5E

 2B7546

 095C30

 00431A

 002C01

 001500

 B2FEC7

 B2FEC7

 99FEB5

 CBFED9

 7FFEA2

 E5FEEC

 66FE90

 FEFEFE

 4CFE7D

 FFFEFF

 33FE6B

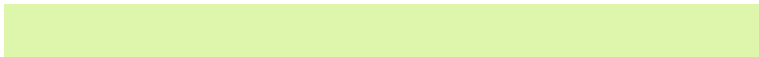
 1AFE59

 00FE46

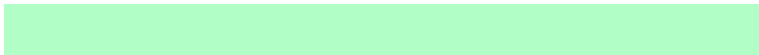
Harmonies

Analogous

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



DEF6AB



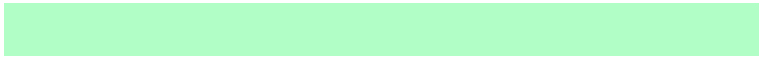
B2FEC7



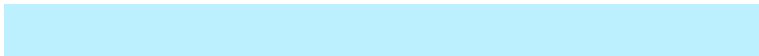
88FFED

Triad

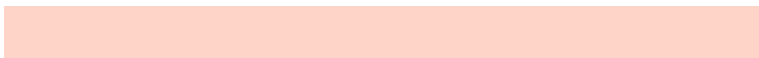
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



B2FEC7



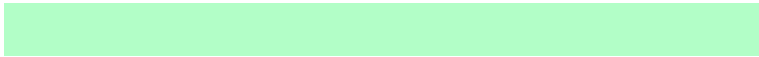
BDF0FF



FFD4C8

Complementary

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



B2FEC7



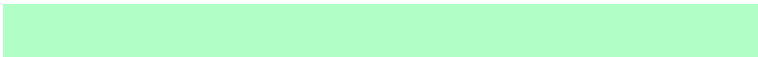
FEB2E9

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.



FFD1ED



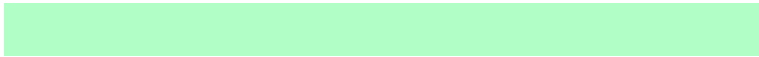
B2FEC7



F4E3FF

Square

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



B2FEC7



88FAFF



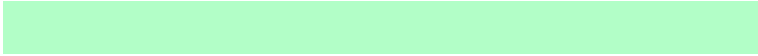
FFD7FF



FFDEAC

Rectangle

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



B2FEC7



75FFFF



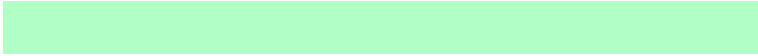
FFD7FF



FFD2D4

Sweetspot

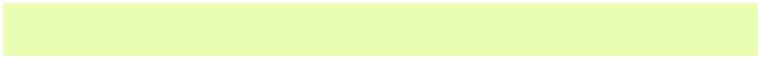
The Sweet Spot groups the original color and five complimentary colors.



B2FEC7



E8FFEE



EAFEB2



718075



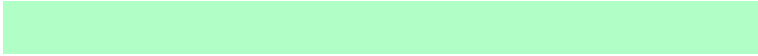
000000



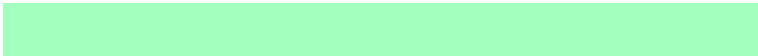
808080

Same Dimension

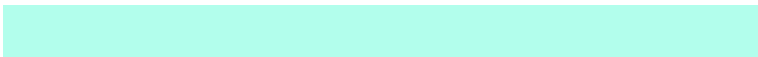
The Same Dimension uses a secret algorithm to generate beautiful new colors.



B2FEC7



A3FFBD



B2FEEC



738076



00BF35



004012

Inverse Universe

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



FEB2E9



FFA3E6



FEB2C4



80737C



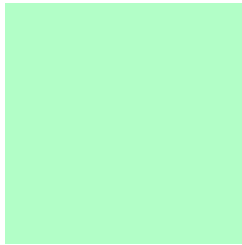
BF008A



40002E

Previews

White Background



This preview shows how the Hex color B2FEC7 looks on a white background.

Color Contrast Check

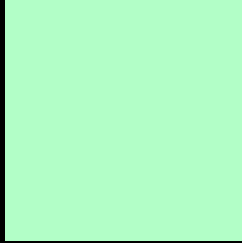
Large Text (above 18pt) WCAG AA × Fail

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 B2FEC7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

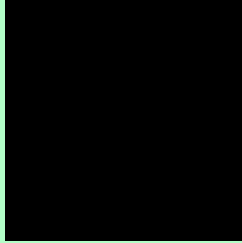
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

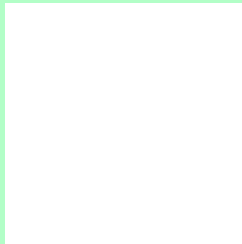
Any Text WCAG AAA ✓ Pass

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

Hex B2FEC7 Background



This preview shows how black text looks on a background with the Hex color B2FEC7.



This preview shows how white text looks on a background with the Hex color B2FEC7.

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



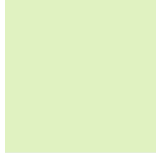


Tritanopia
D0F2FF

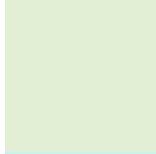
Trichromacy



Original Color
B2FEC7



Protanomaly
E0F2C1

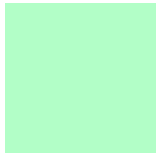


Deuteranomaly
E3EFD4

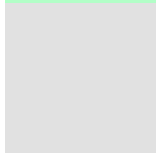


Tritanomaly
C5F6EB

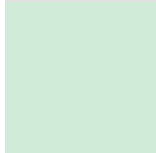
Monochromacy



Original Color
B2FEC7



Achromatopsia
E1E1E1



Achromatomaly
D0ECD8

CSS Examples

Text

The CSS property to change the color of the text to Hex B2FEC7 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 #B2FEC7 looks like.

```
.text, #text, p{  
    color:#B2FEC7  
}
```

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 #B2FEC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2FEC7
}
```

Border

The CSS property to change the border of an element to Hex B2FEC7 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
#B2FEC7 }
```

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

```
.border{ border-color:#B2FEC7 }
```

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

Here you see how a box with a 4 pixel #B2FEC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2FEC7; -webkit-box-shadow:4px 4px  
4px 4px #B2FEC7; box-shadow:4px 4px 4px  
4px #B2FEC7 }
```

Background

The CSS property to change the background color of an element to Hex B2FEC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2FEC7 }
```

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

```
.background{ background-color:#B2FEC7 }
```

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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