

Converting Colors

Hex(B2FFD4)

Have a look what the booklet for
Hex(B2FFD4) contains.

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Color

Hex(B2FFD4)

Conversions

Conversions Part 1

Format	Color
Hex	B2FFD4
RGB	178, 255, 212
RGB Percent	70%, 100%, 83%
CMY	0.3020, 0.0000, 0.1686
CMYK	0.30, 0.00, 0.17, 0.00
HSL	146°, 100%, 85%
HSV	146°, 30%, 100%
XYZ	66.0038, 85.7384, 75.3578
YIQ	227.0750, -32.0890, -29.6970

Conversions

Conversions Part 2

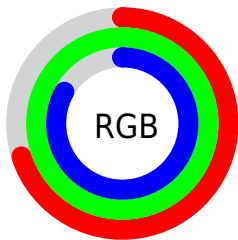
Format	Color
RYB	178, 231, 255
Decimal	11730900
CIELab	94.20, -32.23, 13.09
CIELCh	94, 34.787, 157.895
Yxy	85.7384, 0.2906, 0.3775
Android (android.graphics.Color)	4289920980 (0xFFB2FFD4)
YUV	227.0750, -7.4320, -43.0388
Hunter-Lab	92.5951, -34.8027, 16.5638

Details

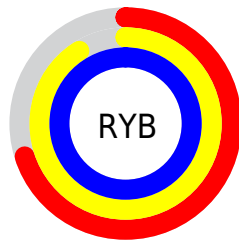
The Hex color **B2FFD4** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **FFB2DD**, and the grayscale version is **E3E3E3**.

A 20% lighter version of the original color is **EBFFFF**, and **7BC69D** is the 20% darker color. If you saturate the color by 10%, you get **98FFC6**, and if you desaturate by 10%, it is **CBFFE2**.

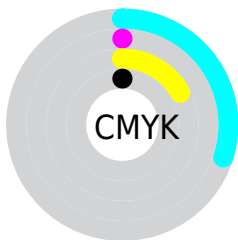
Distribution



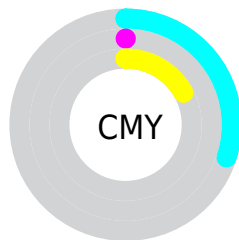
- Red (70%)
- Green (100%)
- Blue (83%)



- Red (70%)
- Yellow (91%)
- Blue (100%)



- Cyan (30%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)



- Cyan (30%)
- Magenta (0%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2FFD4 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 B2FFD4 by changing the saturation by 10% instead.

 B2FFD4

FFFFFF

 EBFFFF

 B2FFD4

 96E2B8

 7BC69D

 60AA83

 46906A

 2B7652

 085D3B

 004425

 002D10

 001700

 B2FFD4

 B2FFD4

 98FFC6

 CBFFE2

 7FFFB8

 E5FFF0

 65FFA9

FFFFFF

 4CFF9B

 32FF8D

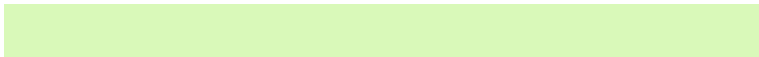
 19FF7F

 00FF71

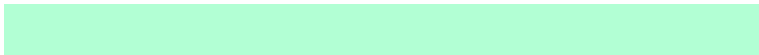
Harmonies

Analogous

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



D9F9B9



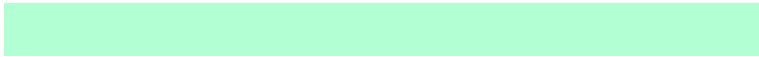
B2FFD4



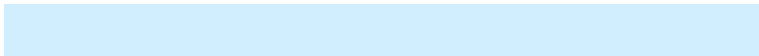
92FFF6

Triad

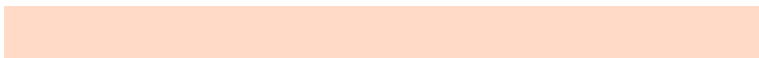
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



B2FFD4



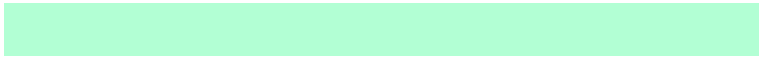
D1EEFF



FFDAC7

Complementary

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



B2FFD4



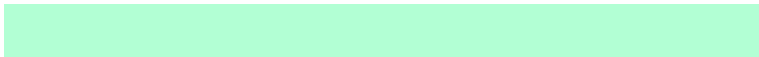
FFB2DD

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.



FFD6E7



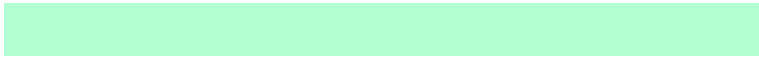
B2FFD4



FFE3FF

Square

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



B2FFD4



A3F9FF



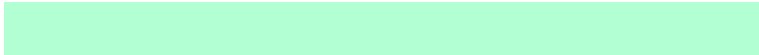
FFD9FF



FFE4B1

Rectangle

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



B2FFD4



88FFFF



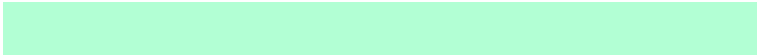
FFD9FF



FFD8D0

Sweetspot

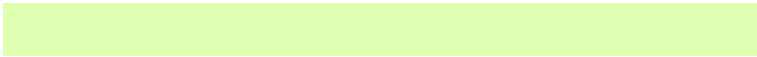
The Sweet Spot groups the original color and five complimentary colors.



B2FFD4



E8FFF2



DEFFB2



718078



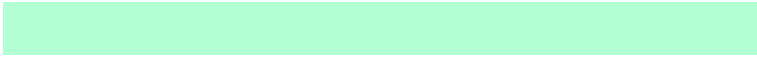
000000



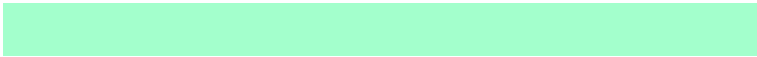
808080

Same Dimension

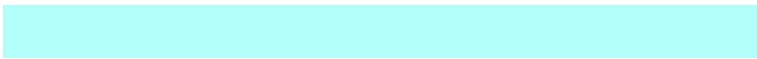
The Same Dimension uses a secret algorithm to generate beautiful new colors.



B2FFD4



A3FFCC



B2FFFA



738078



00BF54



00401C

Inverse Universe

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



FFB2DD



FFA3D6



FFB2B7



80737A



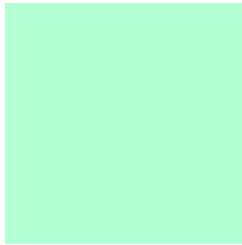
BF006B



400024

Previews

White Background



This preview shows how the Hex color B2FFD4 looks on a white background.

Color Contrast Check

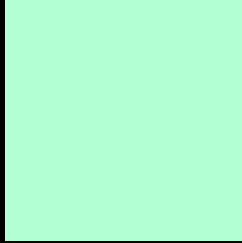
Large Text (above 18pt) WCAG AA × Fail

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 B2FFD4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

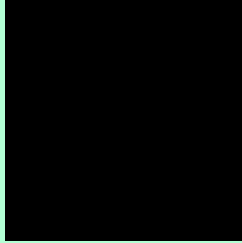
Any Text WCAG AA ✓ Pass

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 B2FFD4 Background



This preview shows how black text looks on a background with the Hex color B2FFD4.

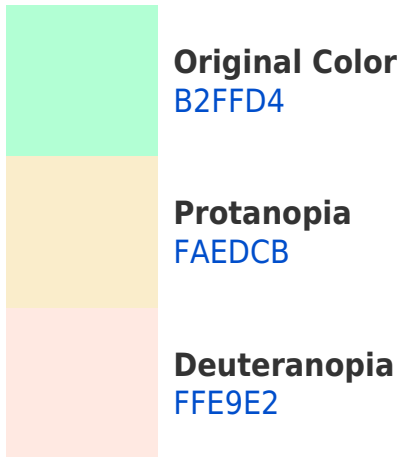


This preview shows how white text looks on a background with the Hex color B2FFD4.

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](#).

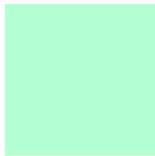
Dichromacy



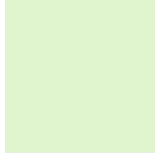


Tritanopia
D3F3FF

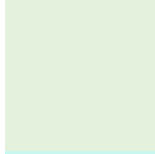
Trichromacy



Original Color
B2FFD4



Protanomaly
E0F4CE



Deuteranomaly
E3F1DD

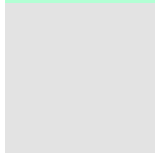


Tritanomaly
C7F7EF

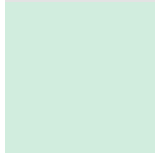
Monochromacy



Original Color
B2FFD4



Achromatopsia
E3E3E3



Achromatomaly
D1EDDE

CSS Examples

Text

The CSS property to change the color of the text to Hex B2FFD4 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 #B2FFD4 looks like.

```
.text, #text, p{  
    color:#B2FFD4  
}
```

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 #B2FFD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2FFD4
}
```

Border

The CSS property to change the border of an element to Hex B2FFD4 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
#B2FFD4 }
```

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

```
.border{ border-color:#B2FFD4 }
```

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

Here you see how a box with a 4 pixel #B2FFD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2FFD4; -webkit-box-shadow:4px 4px  
4px 4px #B2FFD4; box-shadow:4px 4px 4px  
4px #B2FFD4 }
```

Background

The CSS property to change the background color of an element to Hex B2FFD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2FFD4 }
```

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

```
.background{ background-color:#B2FFD4 }
```

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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