

Converting Colors

Hex(B2FDE8)

Have a look what the booklet for
Hex(B2FDE8) contains.

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Color

Hex(B2FDE8)

Conversions

Conversions Part 1

Format	Color
Hex	B2FDE8
RGB	178, 253, 232
RGB Percent	70%, 99%, 91%
CMY	0.3020, 0.0078, 0.0902
CMYK	0.30, 0.00, 0.08, 0.01
HSL	163°, 95%, 85%
HSV	163°, 30%, 99%
XYZ	68.0509, 85.5417, 89.2685
YIQ	228.1810, -37.9590, -22.4310

Conversions

Conversions Part 2

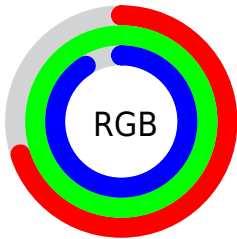
Format	Color
RYB	178, 222, 253
Decimal	11730408
CIELab	94.12, -27.34, 2.67
CIElCh	94, 27.465, 174.425
Yxy	85.5417, 0.2802, 0.3522
Android (android.graphics.Color)	4289920488 (0xFFB2FDE8)
YUV	228.1810, 1.8828, -44.0087
Hunter-Lab	92.4888, -30.5196, 7.5165

Details

The Hex color **B2FDE8** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FDB2C7**, and the grayscale version is **E4E4E4**.

A 20% lighter version of the original color is **EBFFFF**, and **7BC4B0** is the 20% darker color. If you saturate the color by 10%, you get **99FDE1**, and if you desaturate by 10%, it is **CBFDEF**.

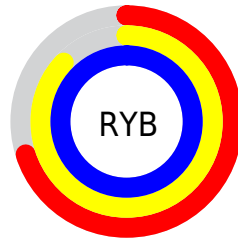
Distribution



Red (70%)

Green (99%)

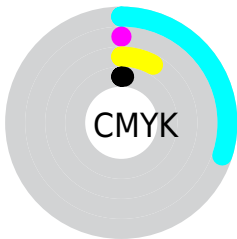
Blue (91%)



Red (70%)

Yellow (87%)

Blue (99%)

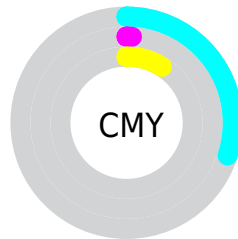


Cyan (30%)

Magenta (0%)

Yellow (8%)

Black (1%)



Cyan (30%)

Magenta (1%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2FDE8 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 B2FDE8 by changing the saturation by 10% instead.

 B2FDE8

FFFFFF

 EBFFFF

 B2FDE8

 96E0CC

 7BC4B0

 60A996

 458E7C

 2A7463

 065B4B

 004335

 002C20

 001708

 B2FDE8

 B2FDE8

 99FDE1

 CBFDEF

 7FFDDA

 E5FDF6

 66FDD3

 FEFDFD

 4DFDCC

 FFFDFF

 33FDC5

 1AFDBD

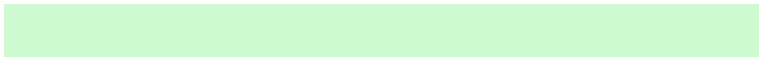
 01FDB6

 00FDB6

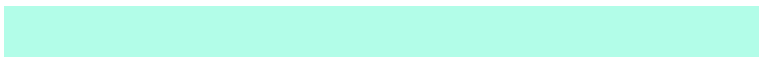
Harmonies

Analogous

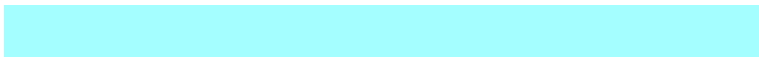
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



CDFACF



B2FDE8



A4FDFF

Triad

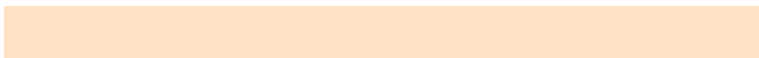
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



B2FDE8



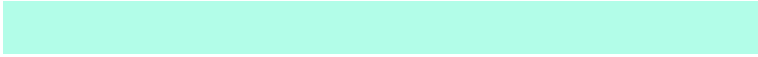
ECE9FF



FFE2C4

Complementary

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



B2FDE8



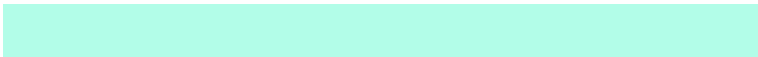
FDB2C7

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.



FFDCD9



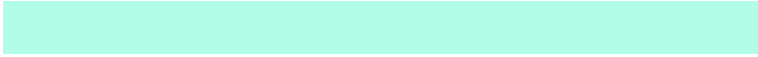
B2FDE8



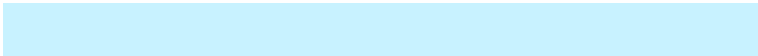
FFE1FF

Square

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



B2FDE8



C8F2FF



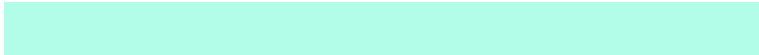
FFDCF4



FFECCA

Rectangle

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



B2FDE8



A7FBFF



FFDCF4



FFE0CA

Sweetspot

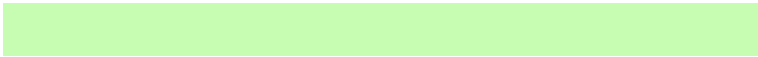
The Sweet Spot groups the original color and five complimentary colors.



B2FDE8



E8FFF9



C7FDB2



71807C



000000



808080

Same Dimension

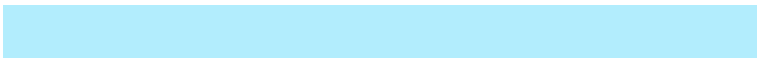
The Same Dimension uses a secret algorithm to generate beautiful new colors.



B2FDE8



A3FFE5



B2EDFD



73807C



00BF8A



00402E

Inverse Universe

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



FDB2C7



FFA3BD



FDC2B2



807376



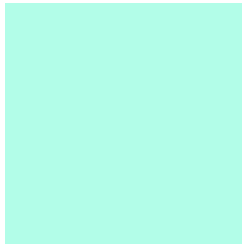
BF0036



400012

Previews

White Background



This preview shows how the Hex color B2FDE8 looks on a white background.

Color Contrast Check

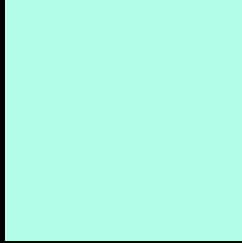
Large Text (above 18pt) WCAG AA × Fail

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 B2FDE8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

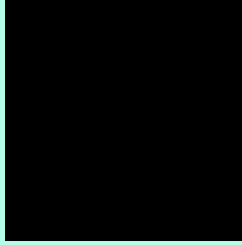
Any Text WCAG AA ✓ Pass

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 B2FDE8 Background



This preview shows how black text looks on a background with the Hex color B2FDE8.

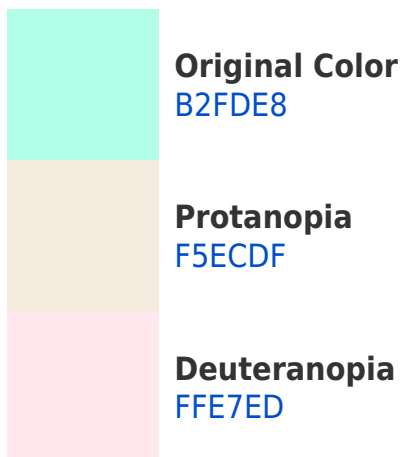


This preview shows how white text looks on a background with the Hex color B2FDE8.

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



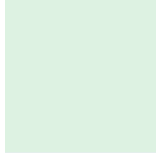


Tritanopia
D2F3FF

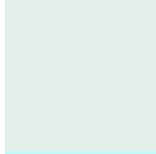
Trichromacy



Original Color
B2FDE8



Protanomaly
DDF2E2

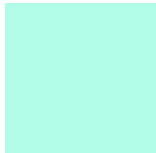


Deuteranomaly
E3EFEB

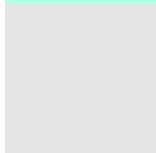


Tritanomaly
C6F7F7

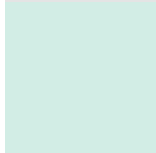
Monochromacy



Original Color
B2FDE8



Achromatopsia
E4E4E4



Achromatomaly
D2EDE5

CSS Examples

Text

The CSS property to change the color of the text to Hex B2FDE8 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 #B2FDE8 looks like.

```
.text, #text, p{  
    color:#B2FDE8  
}
```

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 #B2FDE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2FDE8
}
```

Border

The CSS property to change the border of an element to Hex B2FDE8 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
#B2FDE8 }
```

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

```
.border{ border-color:#B2FDE8 }
```

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

Here you see how a box with a 4 pixel #B2FDE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2FDE8; -webkit-box-shadow:4px 4px  
4px 4px #B2FDE8; box-shadow:4px 4px 4px  
4px #B2FDE8 }
```

Background

The CSS property to change the background color of an element to Hex B2FDE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2FDE8 }
```

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

```
.background{ background-color:#B2FDE8 }
```

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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