

Converting Colors

Hex(B2FAE9)

Have a look what the booklet for
Hex(B2FAE9) contains.

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Color

Hex(B2FAE9)

Conversions

Conversions Part 1

Format	Color
Hex	B2FAE9
RGB	178, 250, 233
RGB Percent	70%, 98%, 91%
CMY	0.3020, 0.0196, 0.0863
CMYK	0.29, 0.00, 0.07, 0.02
HSL	166°, 88%, 84%
HSV	166°, 29%, 98%
XYZ	67.2537, 83.7194, 89.7056
YIQ	226.5340, -37.4550, -20.5510

Conversions

Conversions Part 2

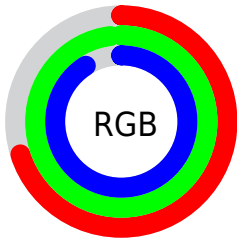
Format	Color
RYB	178, 219, 250
Decimal	11729641
CIELab	93.33, -25.69, 1.01
CIElCh	93, 25.714, 177.760
Yxy	83.7194, 0.2794, 0.3478
Android (android.graphics.Color)	4289919721 (0xFFB2FAE9)
YUV	226.5340, 3.1877, -42.5643
Hunter-Lab	91.4983, -28.9198, 5.9205

Details

The Hex color **B2FAE9** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FAB2C3**, and the grayscale version is **E3E3E3**.

A 20% lighter version of the original color is **EBFFFF**, and **7BC1B1** is the 20% darker color. If you saturate the color by 10%, you get **99FAE3**, and if you desaturate by 10%, it is **CBFAEF**.

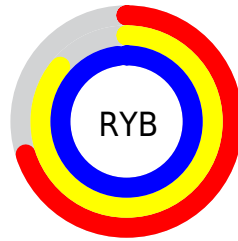
Distribution



Red (70%)

Green (98%)

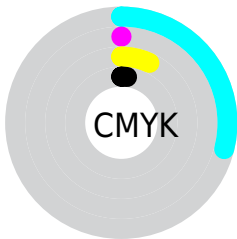
Blue (91%)



Red (70%)

Yellow (86%)

Blue (98%)

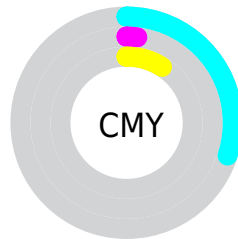


Cyan (29%)

Magenta (0%)

Yellow (7%)

Black (2%)



Cyan (30%)

Magenta (2%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2FAE9 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 B2FAE9 by changing the saturation by 10% instead.

 B2FAE9

 B2FAE9

FFFFFF

 96DDCD

 EBFFFF

 7BC1B1

 60A697

 468B7D

 2B7264

 08594C

 004135

 002A20

 001409

 B2FAE9

 B2FAE9

 99FAE3

 CBFAEF

 80FADD

 E4FAF5

 67FAD7

 FDFAFB

 4EFAD1

 FFFAFF

 35FACB

 1CFAC6

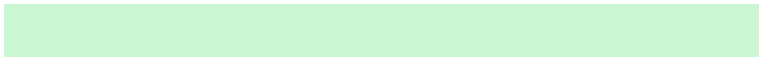
 03FAC0

 00FABF

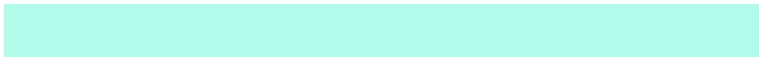
Harmonies

Analogous

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



CAF7D1



B2FAE9



A8F9FF

Triad

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



B2FAE9



EEE6FF



FFE1C3

Complementary

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



B2FAE9



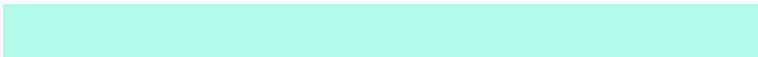
FAB2C3

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.



FFDCD6



B2FAE9



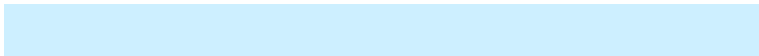
FFDFFF

Square

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



B2FAE9



CDEFFF



FFDBEF



FFEABB

Rectangle

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



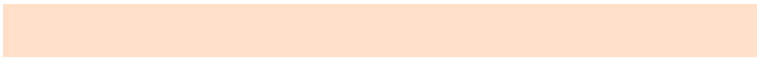
B2FAE9



ACF7FF



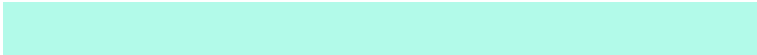
FFDBEF



FFDFC8

Sweetspot

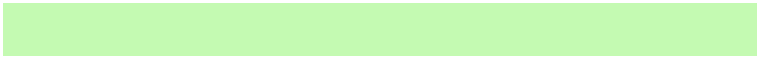
The Sweet Spot groups the original color and five complimentary colors.



B2FAE9



E8FFFA



C4FAB2



71807C



000000



808080

Same Dimension

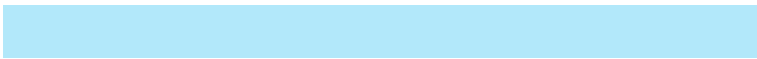
The Same Dimension uses a secret algorithm to generate beautiful new colors.



B2FAE9



A6FFEA



B2E8FA



707D7A



00BD90



003D2F

Inverse Universe

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



FAB2C3



FFA6BB



FAC4B2



7D7073



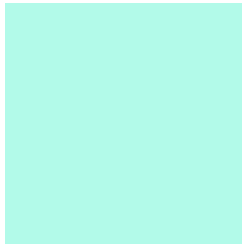
BD002D



3D000E

Previews

White Background



This preview shows how the Hex color B2FAE9 looks on a white background.

Color Contrast Check

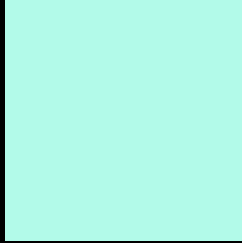
Large Text (above 18pt) WCAG AA × Fail

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 B2FAE9 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 B2FAE9 Background



This preview shows how black text looks on a background with the Hex color B2FAE9.



This preview shows how white text looks on a background with the Hex color B2FAE9.

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](#).

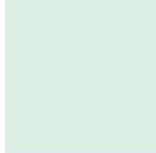
Dichromacy



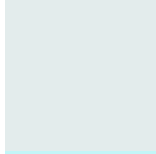
Trichromacy



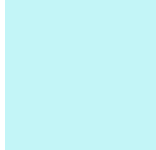
Original Color
B2FAE9



Protanomaly
DBF0E3

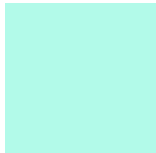


Deuteranomaly
E3ECEC

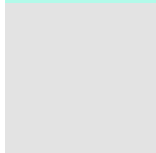


Tritanomaly
C3F5F7

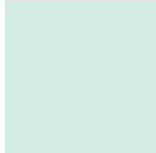
Monochromacy



Original Color
B2FAE9



Achromatopsia
E3E3E3



Achromatomaly
D1EBE5

CSS Examples

Text

The CSS property to change the color of the text to Hex B2FAE9 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 #B2FAE9 looks like.

```
.text, #text, p{  
    color:#B2FAE9  
}
```

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 #B2FAE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2FAE9
}
```

Border

The CSS property to change the border of an element to Hex B2FAE9 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
#B2FAE9 }
```

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

```
.border{ border-color:#B2FAE9 }
```

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

Here you see how a box with a 4 pixel #B2FAE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2FAE9; -webkit-box-shadow:4px 4px  
4px 4px #B2FAE9; box-shadow:4px 4px 4px  
4px #B2FAE9 }
```

Background

The CSS property to change the background color of an element to Hex B2FAE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2FAE9 }
```

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

```
.background{ background-color:#B2FAE9 }
```

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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