

Converting Colors

Hex(B3FCE9)

Have a look what the booklet for
Hex(B3FCE9) contains.

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Color

Hex(B3FCE9)

Conversions

Conversions Part 1

Format	Color
Hex	B3FCE9
RGB	179, 252, 233
RGB Percent	70%, 99%, 91%
CMY	0.2980, 0.0118, 0.0863
CMYK	0.29, 0.00, 0.08, 0.01
HSL	164°, 92%, 85%
HSV	164°, 29%, 99%
XYZ	68.1088, 85.0877, 89.9247
YIQ	228.0070, -37.4090, -21.3850

Conversions

Conversions Part 2

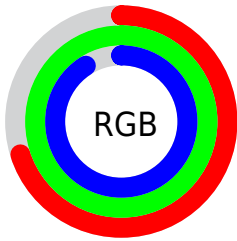
Format	Color
RYB	179, 221, 252
Decimal	11795689
CIELab	93.92, -26.37, 1.87
CIELCh	94, 26.434, 175.934
Yxy	85.0877, 0.2801, 0.3500
Android (android.graphics.Color)	4289985769 (0xFFB3FCE9)
YUV	228.0070, 2.4615, -42.9791
Hunter-Lab	92.2430, -29.6275, 6.7702

Details

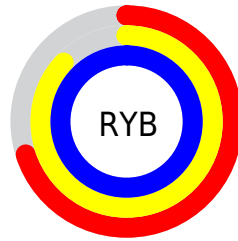
The Hex color **B3FCE9** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FCB3C6**, and the grayscale version is **E4E4E4**.

A 20% lighter version of the original color is **ECFFFF**, and **7CC3B1** is the 20% darker color. If you saturate the color by 10%, you get **9AFCE2**, and if you desaturate by 10%, it is **CCFCF0**.

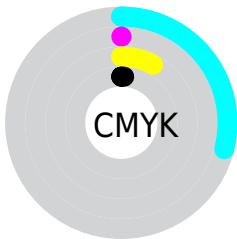
Distribution



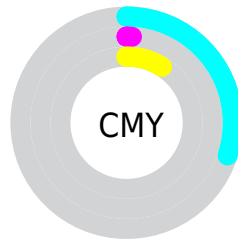
- Red (70%)
- Green (99%)
- Blue (91%)



- Red (70%)
- Yellow (87%)
- Blue (99%)



- Cyan (29%)
- Magenta (0%)
- Yellow (8%)
- Black (1%)



- Cyan (30%)
- Magenta (1%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3FCE9 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 B3FCE9 by changing the saturation by 10% instead.

 B3FCE9

FFFFFF

 ECFFFF

 B3FCE9

 97DFCD

 7CC3B1

 61A897

 478D7D

 2B7364

 095A4C

 004335

 002C20

 001609

 B3FCE9

 B3FCE9

 9AFCE2

 CCFCF0

 81FCDC

 E5FCF6

 67FCD5

 FFFCFD

 4EFCCF

 FFFCFF

 35FCC8

 1CFCC2

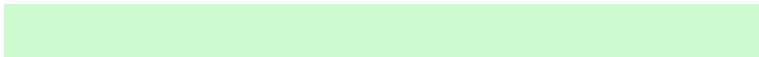
 03FCBB

 00FCBA

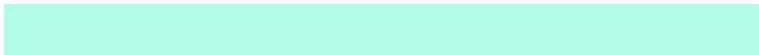
Harmonies

Analogous

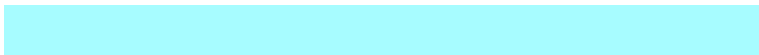
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



CCF9D0



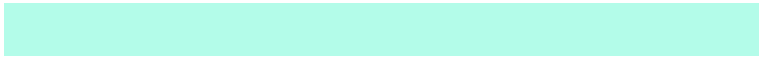
B3FCE9



A7FCFF

Triad

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



B3FCE9



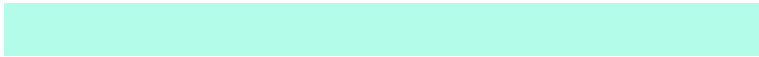
EDE8FF



FFE2C4

Complementary

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



B3FCE9



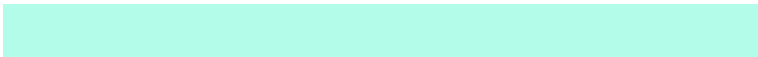
FCB3C6

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.



FFDDD8



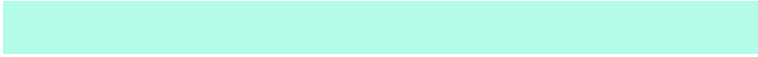
B3FCE9



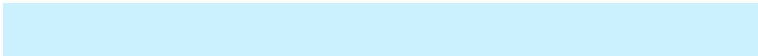
FFE0FF

Square

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



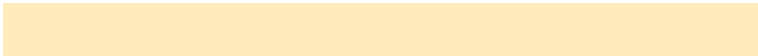
B3FCE9



CBF1FF



FFDCF2



FFEBBB

Rectangle

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



B3FCE9



AAF9FF



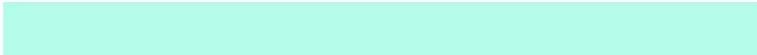
FFDCF2



FFE0CA

Sweetspot

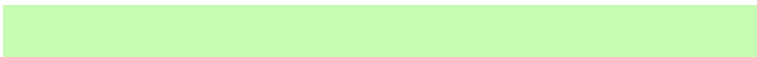
The Sweet Spot groups the original color and five complimentary colors.



B3FCE9



E8FFF9



C6FCB3



71807C



000000



808080

Same Dimension

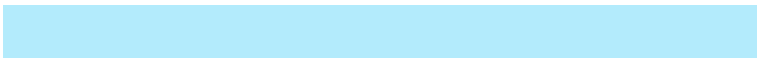
The Same Dimension uses a secret algorithm to generate beautiful new colors.



B3FCE9



A6FFE8



B3EBFC



707D7A



00BD8C



003D2D

Inverse Universe

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



FCB3C6



FFA6BD



FCC4B3



7D7074



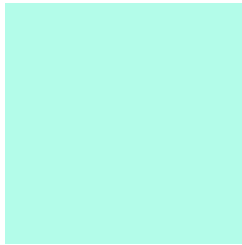
BD0031



3D0010

Previews

White Background



This preview shows how the Hex color B3FCE9 looks on a white background.

Color Contrast Check

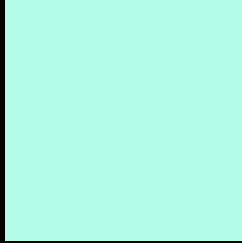
Large Text (above 18pt) WCAG AA × Fail

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 B3FCE9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

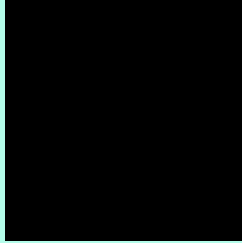
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

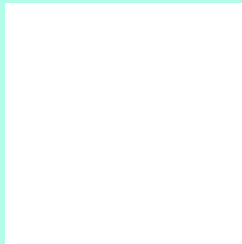
Any Text WCAG AAA ✓ Pass

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

Hex B3FCE9 Background



This preview shows how black text looks on a background with the Hex color B3FCE9.



This preview shows how white text looks on a background with the Hex color B3FCE9.

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



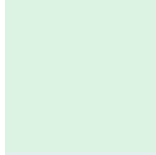


Tritanopia
D1F3FF

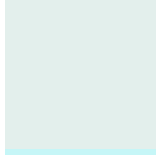
Trichromacy



Original Color
B3FCE9



Protanomaly
DCF2E3



Deuteranomaly
E3EFEC

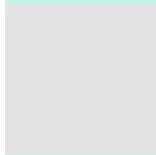


Tritanomaly
C6F6F7

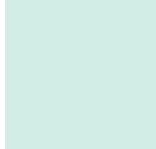
Monochromacy



Original Color
B3FCE9



Achromatopsia
E4E4E4



Achromatomaly
D2EDE6

CSS Examples

Text

The CSS property to change the color of the text to Hex B3FCE9 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 #B3FCE9 looks like.

```
.text, #text, p{  
    color:#B3FCE9  
}
```

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 #B3FCE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3FCE9
}
```

Border

The CSS property to change the border of an element to Hex B3FCE9 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
#B3FCE9 }
```

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

```
.border{ border-color:#B3FCE9 }
```

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

Here you see how a box with a 4 pixel #B3FCE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3FCE9; -webkit-box-shadow:4px 4px  
4px 4px #B3FCE9; box-shadow:4px 4px 4px  
4px #B3FCE9 }
```

Background

The CSS property to change the background color of an element to Hex B3FCE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3FCE9 }
```

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

```
.background{ background-color:#B3FCE9 }
```

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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