

# Converting Colors

Hex(B6FCEA)

Have a look what the booklet for  
Hex(B6FCEA) contains.

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# Color

**Hex(B6FCEA)**

# Conversions

Conversions Part 1	
Format	Color
Hex	B6FCEA
RGB	182, 252, 234
RGB Percent	71%, 99%, 92%
CMY	0.2863, 0.0118, 0.0824
CMYK	0.28, 0.00, 0.07, 0.01
HSL	165°, 92%, 85%
HSV	165°, 28%, 99%
XYZ	68.9531, 85.5064, 90.7121
YIQ	229.0180, -35.9420, -20.4380

# Conversions

## Conversions Part 2

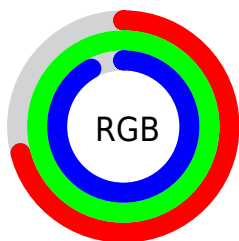
Format	Color
<a href="#">RYB</a>	<a href="#">182, 222, 252</a>
Decimal	<a href="#">11992298</a>
CIELab	<a href="#">94.10, -25.30, 1.64</a>
CIELCh	<a href="#">94, 25.355, 176.295</a>
Yxy	<a href="#">85.5064, 0.2812, 0.3488</a>
Android (android.graphics.Color)	<a href="#">4290182378</a> ( <a href="#">0xFFB6FCEA</a> )
YUV	<a href="#">229.0180, 2.4561, -41.2348</a>
Hunter-Lab	<a href="#">92.4697, -28.7175, 6.5657</a>

# Details

The Hex color **B6FCEA** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FCB6C8**, and the grayscale version is **E5E5E5**.

A 20% lighter version of the original color is **FFFFFF**, and **7FC3B2** is the 20% darker color. If you saturate the color by 10%, you get **9DFCE4**, and if you desaturate by 10%, it is **CFFCF0**.

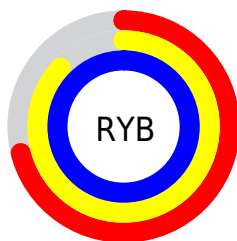
# Distribution



Red (71%)

Green (99%)

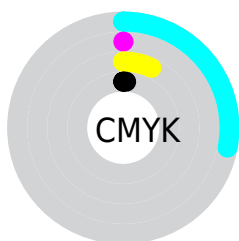
Blue (92%)



Red (71%)

Yellow (87%)

Blue (99%)

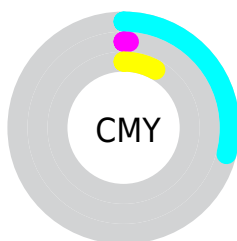


Cyan (28%)

Magenta (0%)

Yellow (7%)

Black (1%)



Cyan (29%)

Magenta (1%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B6FCEA 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 B6FCEA by changing the saturation by 10% instead.



 B6FCEA

FFFFFF

 EFFFFFF

 B6FCEA


 9ADFCF

 7FC3B2

 64A898

 4A8D7E

 2F7365

 115B4D

 004336

 002C21

 00170A

 B6FCEA

 B6FCEA

 9DFCE4

 CFFCF0

 84FCDD

 E8FCF7

 6AFCD7

 FFFCFD

 51FCD0

 FFFCFF

 38FCCA

 1FFCC3

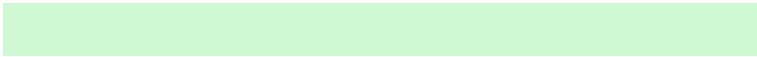
 06FCBD

 00FCBB

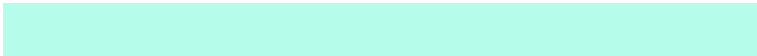
# Harmonies

## Analogous

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



CEF9D2



B6FCEA



ABFCFF

# Triad

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



B6FCEA



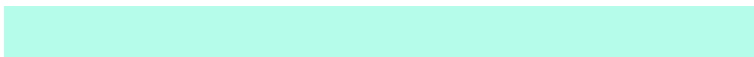
EEE9FF



FFE3C6

# Complementary

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



B6FCEA



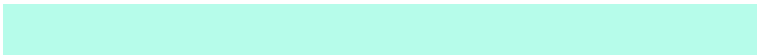
FCB6C8

# 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.



FFDED9



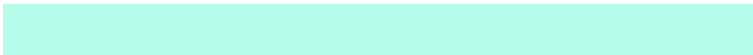
B6FCEA



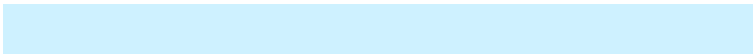
FFE1FF

# Square

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



B6FCEA



CEF1FF



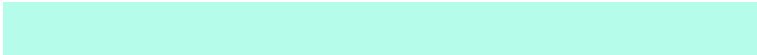
FFDDF2



FFEBBE

# Rectangle

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



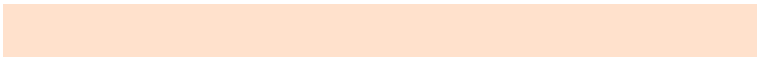
B6FCEA



AFF9FF



FFDDF2

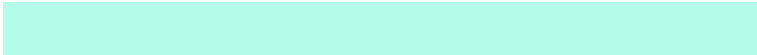


FFE1CC



# Sweetspot

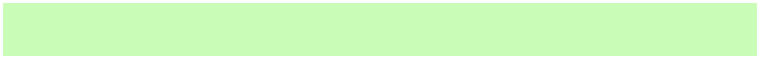
The Sweet Spot groups the original color and five complimentary colors.



B6FCEA



EBFFFA



C9FCB6



73807C



000000



808080



# Same Dimension

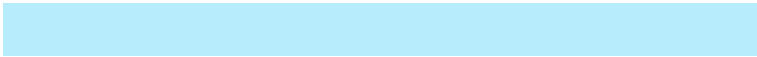
The Same Dimension uses a secret algorithm to generate beautiful new colors.



B6FCEA



ABFFE9



B6ECFC



707D7A



00BD8C



003D2D



# Inverse Universe

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



FCB6C8



FFABC0



FCC6B6



7D7074



BD0031

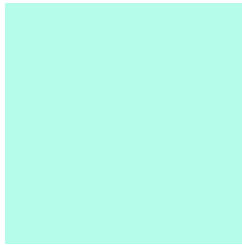


3D0010



# Previews

## White Background



This preview shows how the Hex color B6FCEA looks on a white background.

## Color Contrast Check

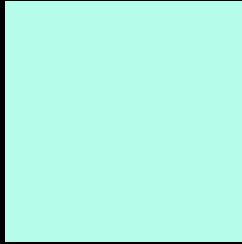
Large Text (above 18pt) WCAG AA × Fail

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 B6FCEA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

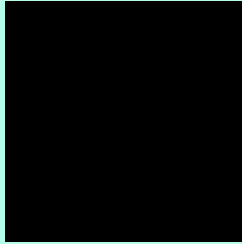
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

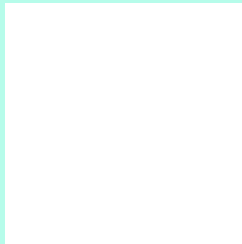
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B6FCEA Background



This preview shows how black text looks on a background with the Hex color B6FCEA.

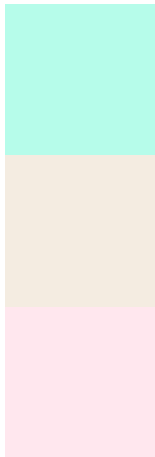


This preview shows how white text looks on a background with the Hex color B6FCEA.

# 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



**Original Color**  
B6FCEA

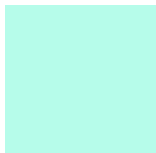
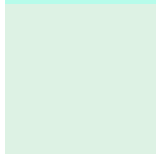
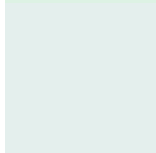
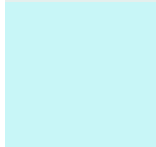
**Protanopia**  
F4ECE1

**Deuteranopia**  
FFE7EE


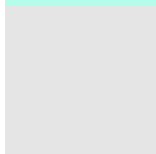
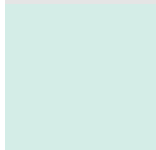


**Tritanopia**  
D3F3FF

# Trichromacy

	<b>Original Color</b> B6FCEA
	<b>Protanomaly</b> DDF2E4
	<b>Deuteranomaly</b> E4EFED
	<b>Tritanomaly</b> C8F6F7

# Monochromacy

	<b>Original Color</b> B6FCEA
	<b>Achromatopsia</b> E5E5E5
	<b>Achromatomaly</b> D4EDE7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B6FCEA 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 #B6FCEA looks like.

```
.text, #text, p{  
    color:#B6FCEA  
}
```

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 #B6FCEA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6FCEA
}
```

## Border

The CSS property to change the border of an element to Hex B6FCEA 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
#B6FCEA }
```

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

```
.border{ border-color:#B6FCEA }
```

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

Here you see how a box with a 4 pixel #B6FCEA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6FCEA; -webkit-box-shadow:4px 4px  
4px 4px #B6FCEA; box-shadow:4px 4px 4px  
4px #B6FCEA }
```

# Background

The CSS property to change the background color of an element to Hex B6FCEA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6FCEA }
```

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

```
.background{ background-color:#B6FCEA }
```

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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