

# Converting Colors

Hex(B4FDDD)

Have a look what the booklet for  
Hex(B4FDDD) contains.

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# **Color**

**Hex(B4FDDD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B4FDDD
RGB	180, 253, 221
RGB Percent	71%, 99%, 87%
CMY	0.2941, 0.0078, 0.1333
CMYK	0.29, 0.00, 0.13, 0.01
HSL	154°, 95%, 85%
HSV	154°, 29%, 99%
XYZ	66.9988, 85.1743, 81.3157
YIQ	227.5250, -33.2360, -25.4280

# Conversions

## Conversions Part 2

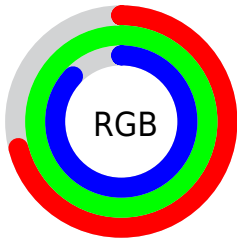
<b>Format</b>	<b>Color</b>
<b>RYB</b>	180, 227, 253
Decimal	11861469
CIELab	93.96, -28.97, 8.13
CIELCh	94, 30.090, 164.328
Yxy	85.1743, 0.2869, 0.3648
Android (android.graphics.Color)	4290051549 (0xFFB4FDDD)
YUV	227.5250, -3.2168, -41.6794
Hunter-Lab	92.2899, -31.9235, 12.3632

# Details

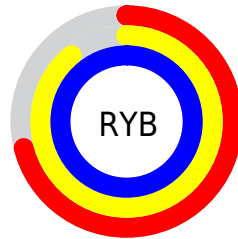
The Hex color **B4FDDD** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **FDB4D4**, and the grayscale version is **E4E4E4**.

A 20% lighter version of the original color is **EDFFFF**, and **7DC4A6** is the 20% darker color. If you saturate the color by 10%, you get **9BFDD2**, and if you desaturate by 10%, it is **CDFDE8**.

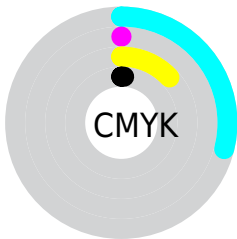
# Distribution



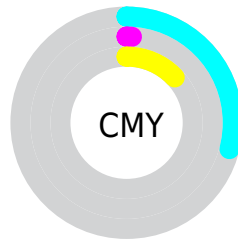
- Red (71%)
- Green (99%)
- Blue (87%)



- Red (71%)
- Yellow (89%)
- Blue (99%)



- Cyan (29%)
- Magenta (0%)
- Yellow (13%)
- Black (1%)



- Cyan (29%)
- Magenta (1%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B4FDDD 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 B4FDDD by changing the saturation by 10% instead.



 B4FDDD

 B4FDDD

FFFFFF

 98E0C1

 EDFFFF

 7DC4A6

 63A98C

 488E72

 2E745A

 0E5B42

 00432C

 002C17

 001600

 B4FDDD

 B4FDDD

 9BFDD2

 CDFDE8

 81FDC7

 E7FDF3

 68FDBC

 FFFDFE

 4FFDB1

 FFFDFE

 35FDA6

 1CFD9A

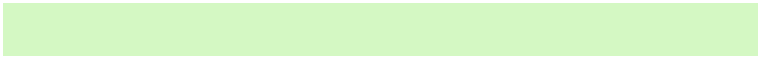
 03FD8F

 00FD8E

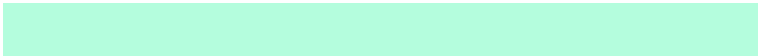
# Harmonies

## Analogous

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



D4F8C3



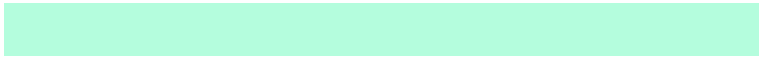
B4FDDD



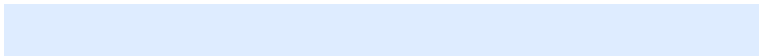
9EFEFB

# Triad

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



B4FDDD



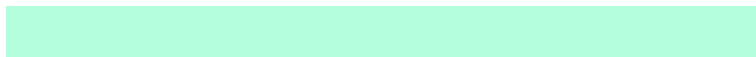
DEECFF



FFDEC6

# Complementary

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



B4FDDD



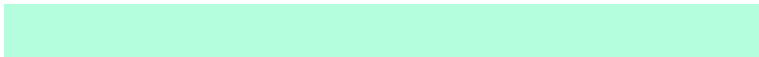
FDB4D4

# 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.



FFD9E1



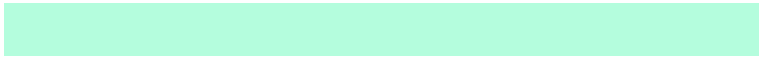
B4FDDD



FFE2FF

# Square

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



B4FDDD



B7F5FF



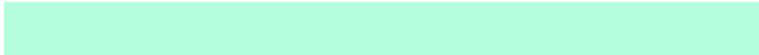
FFDAFE



FFE7B6

# Rectangle

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



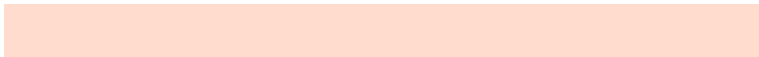
B4FDDD



9AFDFF



FFDAFE

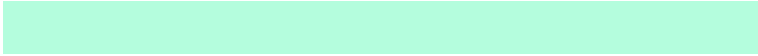


FFDCCE



# Sweetspot

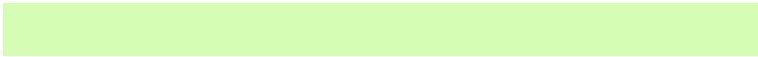
The Sweet Spot groups the original color and five complimentary colors.



B4FDDD



E8FFF5



D5FDB4



718079



000000

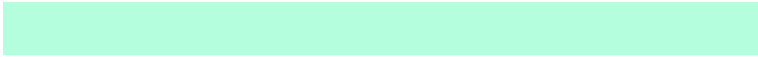


808080

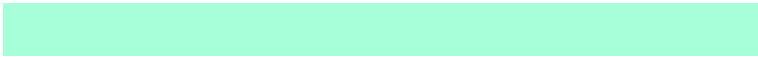


# Same Dimension

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



B4FDDD



A6FFD8



B4F9FD



73807A



00BF6B



004024



# Inverse Universe

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



FDB4D4



FFA6CD



FDB8B4



807378



BF0054

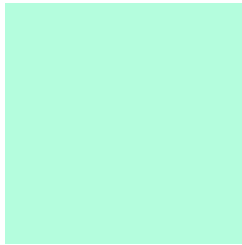


40001C



# Previews

## White Background



This preview shows how the Hex color B4FDDD looks on a white background.

## Color Contrast Check

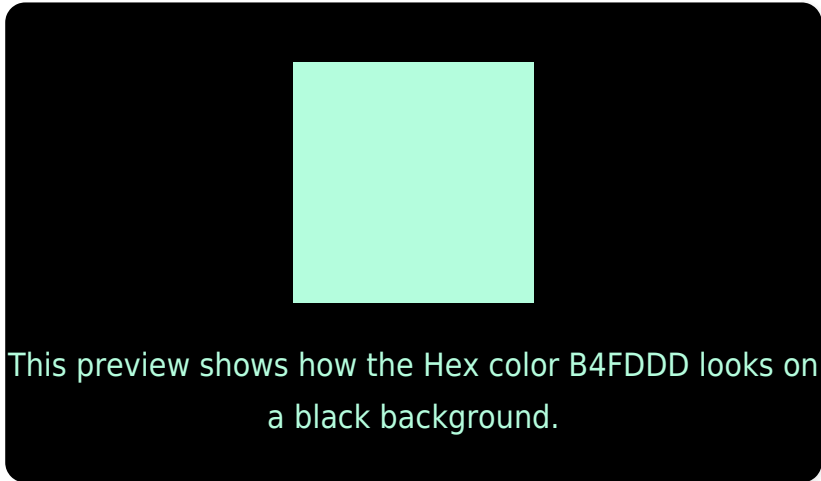
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

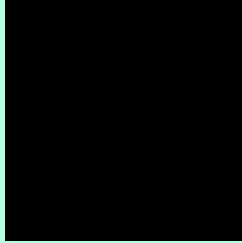
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B4FDDD Background



This preview shows how black text looks on a background with the Hex color B4FDDD.

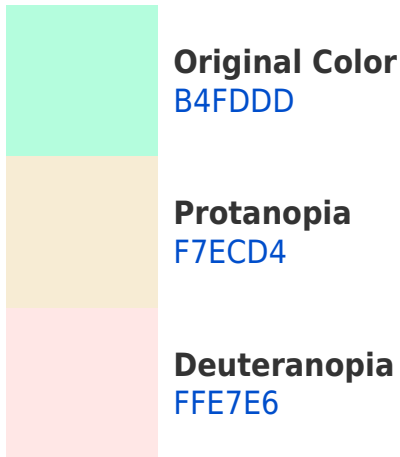


This preview shows how white text looks on a background with the Hex color B4FDDD.

# 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



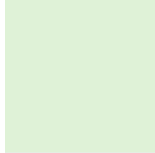


**Tritanopia**  
D2F3FF

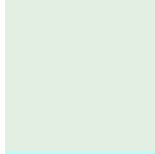
# Trichromacy



**Original Color**  
B4FDDD



**Protanomaly**  
DFF2D7



**Deuteranomaly**  
E4EFE3

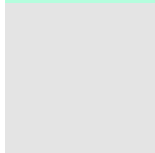


**Tritanomaly**  
C7F7F3

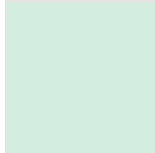
# Monochromacy



**Original Color**  
B4FDDD



**Achromatopsia**  
E4E4E4



**Achromatomaly**  
D3EDE1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B4FDDD 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 #B4FDDD looks like.

```
.text, #text, p{  
    color:#B4FDDD  
}
```

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 #B4FDDD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4FDDD
}
```

## Border

The CSS property to change the border of an element to Hex B4FDDD 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
#B4FDDD }
```

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

```
.border{ border-color:#B4FDDD }
```

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

Here you see how a box with a 4 pixel #B4FDDD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4FDDD; -webkit-box-shadow:4px 4px  
4px 4px #B4FDDD; box-shadow:4px 4px 4px  
4px #B4FDDD }
```

# Background

The CSS property to change the background color of an element to Hex B4FDDD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4FDDD }
```

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

```
.background{ background-color:#B4FDDD }
```

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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