

# Converting Colors

Hex(B4F4B7)

Have a look what the booklet for  
Hex(B4F4B7) contains.

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# **Color**

**Hex(B4F4B7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B4F4B7
RGB	180, 244, 183
RGB Percent	71%, 96%, 72%
CMY	0.2941, 0.0431, 0.2824
CMYK	0.26, 0.00, 0.25, 0.04
HSL	123°, 74%, 83%
HSV	123°, 26%, 96%
XYZ	59.7203, 77.8236, 56.6736
YIQ	217.9100, -18.5630, -32.5390

# Conversions

## Conversions Part 2

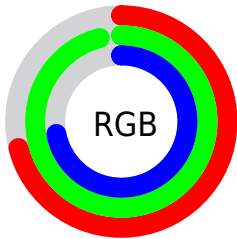
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	180, 241, 244
Decimal	11859127
CIE <sub>Lab</sub>	90.70, -31.66, 23.08
CIE <sub>LCh</sub>	91, 39.182, 143.904
Yxy	77.8236, 0.3075, 0.4007
Android (android.graphics.Color)	4290049207 (0xFFB4F4B7)
YUV	217.9100, -17.2106, -33.2471
Hunter-Lab	88.2177, -33.5426, 23.6627

# Details

The Hex color **B4F4B7** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **F4B4F1**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **EDFFEF**, and **7EBB82** is the 20% darker color. If you saturate the color by 10%, you get **9CF4A0**, and if you desaturate by 10%, it is **CCF4CE**.

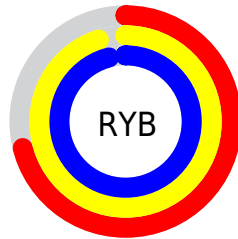
# Distribution



Red (71%)

Green (96%)

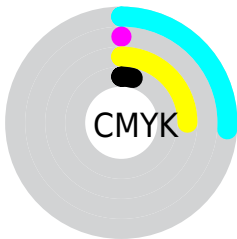
Blue (72%)



Red (71%)

Yellow (95%)

Blue (96%)

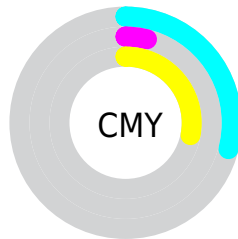


Cyan (26%)

Magenta (0%)

Yellow (25%)

Black (4%)



Cyan (29%)

Magenta (4%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B4F4B7 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 B4F4B7 by changing the saturation by 10% instead.



 B4F4B7

FFFFFF

 EDFFE7

 B4F4B7

 98D79C

 7EBB82

 63A068

 4A8650

 306C38

 145322

 003C0C

 002600

 000500

 B4F4B7

 B4F4B7

 9CF4A0

 CCF4CE

 83F488

 E5F4E6

 6BF471

 FDF4FD

 52F45A

 FFF4FF

 3AF443

 22F42B

 09F414

 00F40B

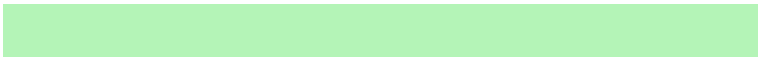
# Harmonies

## Analogous

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



DFEB9F



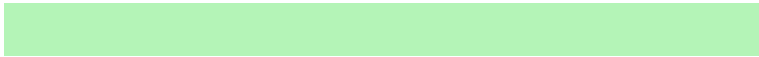
B4F4B7



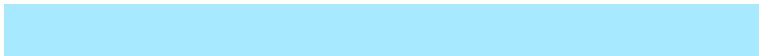
88F9DB

# Triad

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



B4F4B7



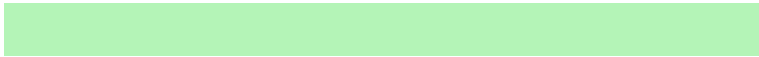
A7EAF7



FFCAC8

# Complementary

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



B4F4B7



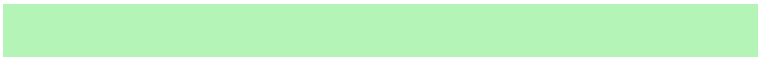
F4B4F1

# 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.



FFC9EE



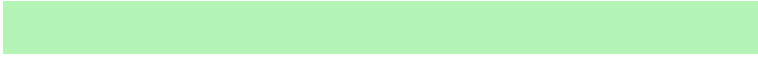
B4F4B7



DFDDFF

# Square

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



B4F4B7



75F4FF



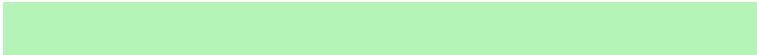
FFD1FF



FFD3A9

# Rectangle

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



B4F4B7



70F9F5



FFD1FF

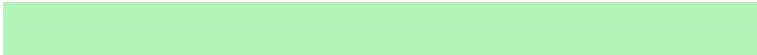


FFC8D4

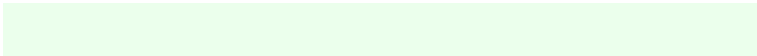


# Sweetspot

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



B4F4B7



EBFFEC



F2F4B4



738073



000000



808080

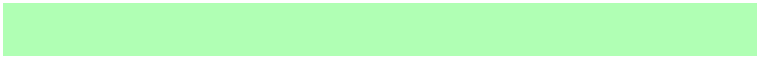


# Same Dimension

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



B4F4B7



B0FFB4



B4F4D6



6E7A6F



00BA09



003B03



# Inverse Universe

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



F4B4F1



FFB0FB



F4B4D2



7A6E7A



BA00B1

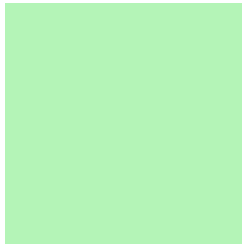


3B0038



# Previews

## White Background



This preview shows how the Hex color B4F4B7 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 B4F4B7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

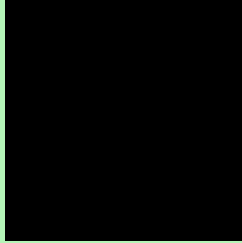
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

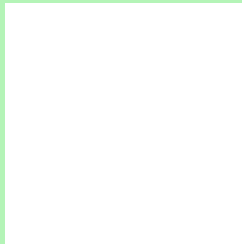
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B4F4B7 Background



This preview shows how black text looks on a background with the Hex color B4F4B7.

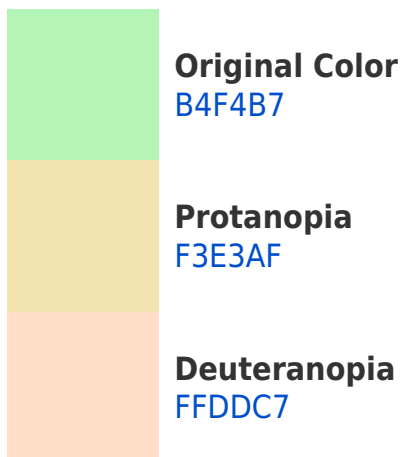


This preview shows how white text looks on a background with the Hex color B4F4B7.

# 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**  
C1EBFD

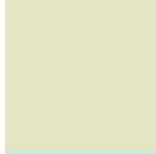
# Trichromacy



**Original Color**  
B4F4B7



**Protanomaly**  
DCE9B2

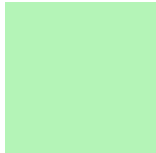


**Deuteranomaly**  
E4E5C1

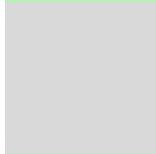


**Tritanomaly**  
BCEEE4

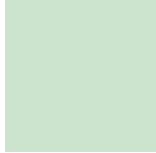
# Monochromacy



**Original Color**  
B4F4B7



**Achromatopsia**  
DADADA



**Achromatomaly**  
CCE3CD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B4F4B7 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 #B4F4B7 looks like.

```
.text, #text, p{  
    color:#B4F4B7  
}
```

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 #B4F4B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4F4B7
}
```

## Border

The CSS property to change the border of an element to Hex B4F4B7 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
#B4F4B7 }
```

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

```
.border{ border-color:#B4F4B7 }
```

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

Here you see how a box with a 4 pixel #B4F4B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4F4B7; -webkit-box-shadow:4px 4px  
4px 4px #B4F4B7; box-shadow:4px 4px 4px  
4px #B4F4B7 }
```

# Background

The CSS property to change the background color of an element to Hex B4F4B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4F4B7 }
```

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

```
.background{ background-color:#B4F4B7 }
```

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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