

# Converting Colors

Hex(B5F0A9)

Have a look what the booklet for  
Hex(B5F0A9) contains.

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# **Color**

**Hex(B5F0A9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5F0A9
RGB	181, 240, 169
RGB Percent	71%, 94%, 66%
CMY	0.2902, 0.0588, 0.3373
CMYK	0.25, 0.00, 0.30, 0.06
HSL	110°, 70%, 80%
HSV	110°, 30%, 94%
XYZ	57.3776, 75.0085, 48.9901
YIQ	214.2650, -12.3730, -34.5890

# Conversions

## Conversions Part 2

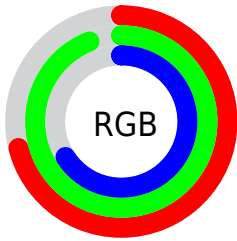
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">169, 240, 228</a>
Decimal	<a href="#">11923625</a>
CIELab	<a href="#">89.40, -31.72, 28.46</a>
CIELCh	<a href="#">89, 42.620, 138.098</a>
Yxy	<a href="#">75.0085, 0.3163, 0.4136</a>
Android (android.graphics.Color)	<a href="#">4290113705 (0xFFB5F0A9)</a>
YUV	<a href="#">214.2650, -22.3156, -29.1734</a>
Hunter-Lab	<a href="#">86.6075, -33.3065, 27.0874</a>

# Details

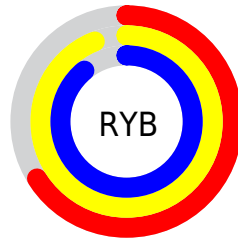
The Hex color **B5F0A9** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **E4A9F0**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **EEFFE1**, and **7FB874** is the 20% darker color. If you saturate the color by 10%, you get **A1F091**, and if you desaturate by 10%, it is **C9F0C1**.

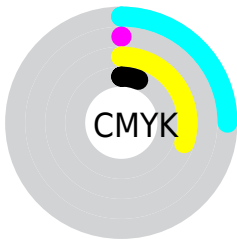
# Distribution



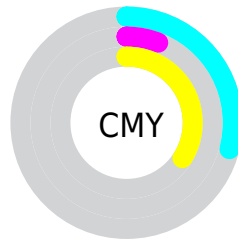
- Red (71%)
- Green (94%)
- Blue (66%)



- Red (66%)
- Yellow (94%)
- Blue (89%)



- Cyan (25%)
- Magenta (0%)
- Yellow (30%)
- Black (6%)



- Cyan (29%)
- Magenta (6%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5F0A9 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 B5F0A9 by changing the saturation by 10% instead.



 B5F0A9

 B5F0A9

FFFFFF

 99D48E


 EEFFE1

 7FB874

FFFFFFD

 649D5B

 4B8243

 31692C

 165015

 003900

 002400

 000000

 B5F0A9

 B5F0A9

 A1F091

 C9F0C1

 8DF079

 DDF0D9

 79F061

 F1F0F1

 65F049

 FFF0FF

 51F031

 3DF019

 29F001

 29F000

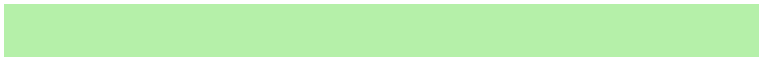
# Harmonies

## Analogous

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



E3E692



B5F0A9



83F6CF

# Triad

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



B5F0A9



8EE9FF



FFC2C9

# Complementary

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



B5F0A9



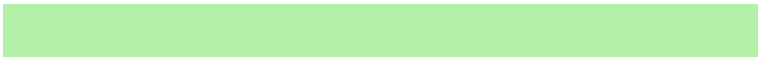
E4A9F0

# 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.



FFC3F3



B5F0A9



CEDCFF

# Square

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



B5F0A9



55F3FF



FFCDFF



FFCBA6

# Rectangle

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



B5F0A9



62F7EB



FFCDDF



FFC1D7



# Sweetspot

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



B5F0A9



ECFFE8



F0E3A9



748071



000000

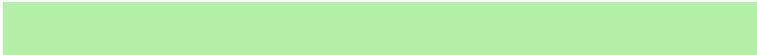


808080

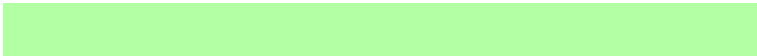


# Same Dimension

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



B5F0A9



B3FFA3



A9F0BF



6E786C



1FB800



093800



# Inverse Universe

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



E4A9F0



EFA3FF



F0A9DA



766C78



9900B8

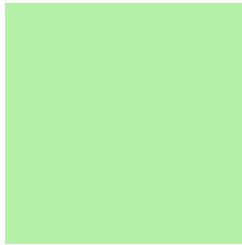


2F0038



# Previews

## White Background



This preview shows how the Hex color B5F0A9 looks on a white background.

## Color Contrast Check

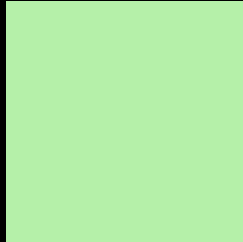
Large Text (above 18pt) WCAG AA × Fail

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 B5F0A9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

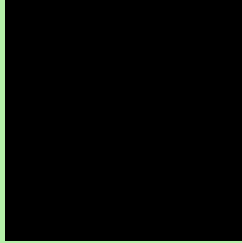
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B5F0A9 Background



This preview shows how black text looks on a background with the Hex color B5F0A9.

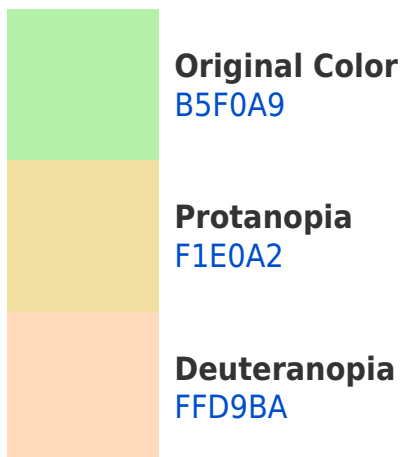


This preview shows how white text looks on a background with the Hex color B5F0A9.

# 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



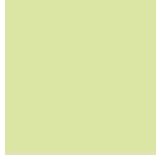


**Tritanopia**  
C2E6F8

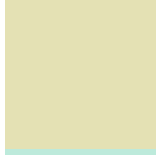
# Trichromacy



**Original Color**  
B5F0A9



**Protanomaly**  
DBE6A5



**Deuteranomaly**  
E4E1B4



**Tritanomaly**  
BDEADB

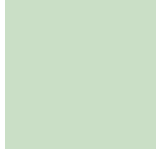
# Monochromacy



**Original Color**  
B5F0A9



**Achromatopsia**  
D6D6D6



**Achromatomaly**  
CADFC6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5F0A9 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 #B5F0A9 looks like.

```
.text, #text, p{  
    color:#B5F0A9  
}
```

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 #B5F0A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5F0A9
}
```

## Border

The CSS property to change the border of an element to Hex B5F0A9 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
#B5F0A9 }
```

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

```
.border{ border-color:#B5F0A9 }
```

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

Here you see how a box with a 4 pixel #B5F0A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5F0A9; -webkit-box-shadow:4px 4px  
4px 4px #B5F0A9; box-shadow:4px 4px 4px  
4px #B5F0A9 }
```

# Background

The CSS property to change the background color of an element to Hex B5F0A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5F0A9 }
```

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

```
.background{ background-color:#B5F0A9 }
```

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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