

# Converting Colors

Hex(B6F89C)

Have a look what the booklet for  
Hex(B6F89C) contains.

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**Color**

**Hex(B6F89C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B6F89C
RGB	182, 248, 156
RGB Percent	71%, 97%, 61%
CMY	0.2863, 0.0275, 0.3882
CMYK	0.27, 0.00, 0.37, 0.03
HSL	103°, 87%, 79%
HSV	103°, 37%, 97%
XYZ	58.8596, 79.4802, 43.6915
YIQ	217.7780, -9.8040, -42.6040

# Conversions

## Conversions Part 2

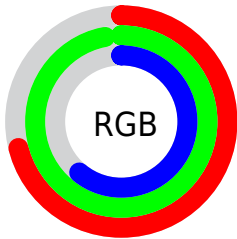
<b>Format</b>	<b>Color</b>
<b>RYB</b>	156, 248, 222
Decimal	11991196
CIELab	91.45, -36.97, 37.74
CIElCh	91, 52.832, 134.406
Yxy	79.4802, 0.3233, 0.4366
Android (android.graphics.Color)	4290181276 (0xFFB6F89C)
YUV	217.7780, -30.4566, -31.3773
Hunter-Lab	89.1517, -38.1664, 33.3493

# Details

The Hex color **B6F89C** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **DE9CF8**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **EFFFD3**, and **7FBF67** is the 20% darker color. If you saturate the color by 10%, you get **A4F883**, and if you desaturate by 10%, it is **C8F8B5**.

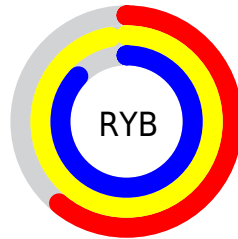
# Distribution



Red (71%)

Green (97%)

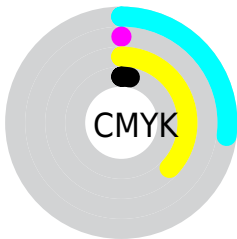
Blue (61%)



Red (61%)

Yellow (97%)

Blue (87%)

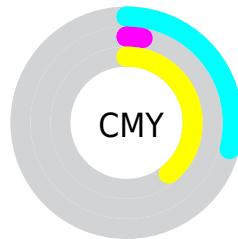


Cyan (27%)

Magenta (0%)

Yellow (37%)

Black (3%)



Cyan (29%)

Magenta (3%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B6F89C 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 B6F89C by changing the saturation by 10% instead.



 B6F89C

FFFFFF

 EFFFFD3

 FFFFF0

 B6F89C

 9ADB81

 7FBF67

 64A44E

 4A8936

 2F6F1D

 0F5701

 003E00

 002900

 000A00

 B6F89C

 B6F89C

 A4F883

 C8F8B5

 92F86A

 DAF8CE

 81F852

 EBF8E6

 6FF839

 FDF8FF

 5DF820

 FFF8FF

 4BF807

 46F800

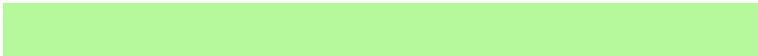
# Harmonies

## Analogous

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



EFEB82



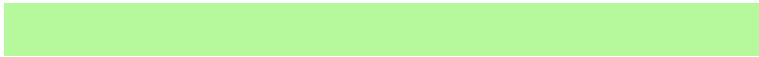
B6F89C



71FFCA

# Triad

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



B6F89C



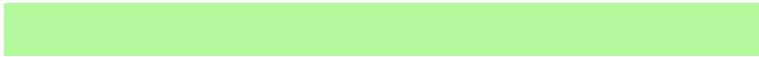
5FF3FF



FFBED0

# Complementary

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



B6F89C



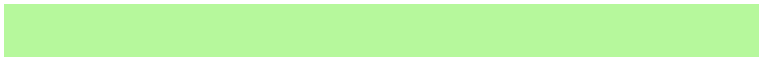
DE9CF8

# Split Complementary

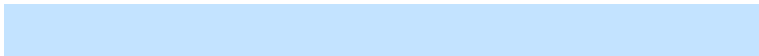
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC1FF



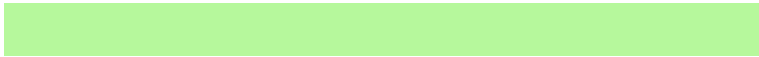
B6F89C



C3E3FF

# Square

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



B6F89C



00DFF



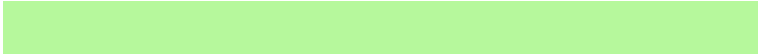
FFD0FF



FFC9A2

# Rectangle

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



B6F89C



29FFED



FFD0FF

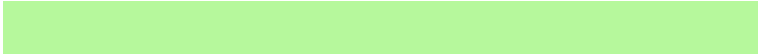


FFBEE1

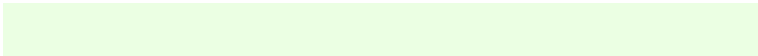


# Sweetspot

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



B6F89C



EBFFE3



F8DE9C



74806F



000000

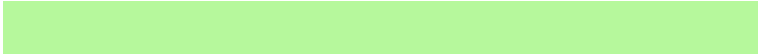


808080



# Same Dimension

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



B6F89C



ADFF8C



9CF8B0



747D70



35BD00



113D00



# Inverse Universe

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



DE9CF8



DF8CFF



F89CE4



79707D



8700BD

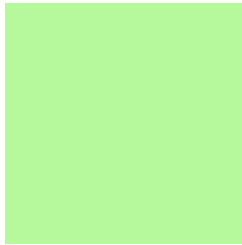


2C003D



# Previews

## White Background



This preview shows how the Hex color B6F89C looks on a white background.

## Color Contrast Check

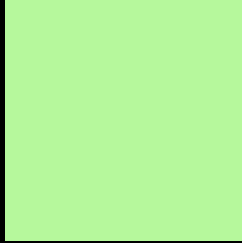
Large Text (above 18pt) WCAG AA × Fail

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 B6F89C 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 B6F89C Background



This preview shows how black text looks on a background with the Hex color B6F89C.

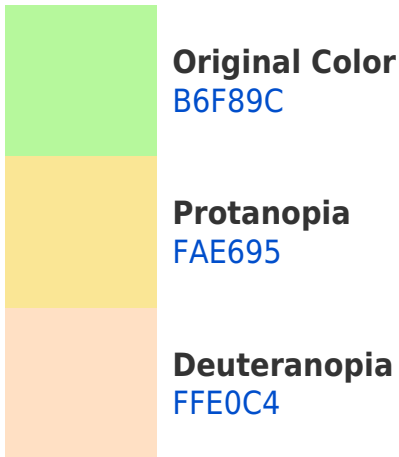


This preview shows how white text looks on a background with the Hex color B6F89C.

# 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

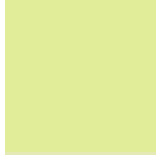




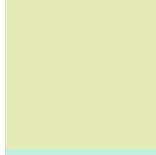
# Trichromacy



**Original Color**  
B6F89C



**Protanomaly**  
E1ED98



**Deuteranomaly**  
E4E9B5

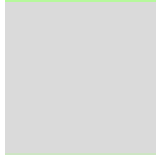


**Tritanomaly**  
C0F0DB

# Monochromacy



**Original Color**  
B6F89C



**Achromatopsia**  
DADADA



**Achromatomaly**  
CDE5C3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B6F89C 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 #B6F89C looks like.

```
.text, #text, p{  
    color:#B6F89C  
}
```

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 #B6F89C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6F89C
}
```

## Border

The CSS property to change the border of an element to Hex B6F89C 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
#B6F89C }
```

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

```
.border{ border-color:#B6F89C }
```

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

Here you see how a box with a 4 pixel #B6F89C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6F89C; -webkit-box-shadow:4px 4px  
4px 4px #B6F89C; box-shadow:4px 4px 4px  
4px #B6F89C }
```

# Background

The CSS property to change the background color of an element to Hex B6F89C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6F89C }
```

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

```
.background{ background-color:#B6F89C }
```

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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