

Converting Colors

Hex(B6F6C4)

Have a look what the booklet for
Hex(B6F6C4) contains.

Hex(B6F6C4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B6F6C4)

Conversions

Conversions Part 1

Format	Color
Hex	B6F6C4
RGB	182, 246, 196
RGB Percent	71%, 96%, 77%
CMY	0.2863, 0.0353, 0.2314
CMYK	0.26, 0.00, 0.20, 0.04
HSL	133°, 78%, 84%
HSV	133°, 26%, 96%
XYZ	62.2110, 79.8421, 64.3568
YIQ	221.1640, -22.0940, -29.1180

Conversions

Conversions Part 2

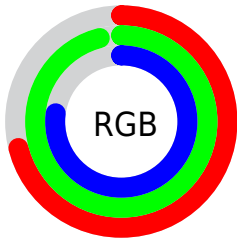
Format	Color
R _Y B	182, 235, 246
Decimal	11990724
CIE Lab	91.61, -29.73, 17.70
CIE LCh	92, 34.599, 149.237
Yxy	79.8421, 0.3014, 0.3868
Android (android.graphics.Color)	4290180804 (0xFFB6F6C4)
YUV	221.1640, -12.4059, -34.3468
Hunter-Lab	89.3544, -32.0937, 19.8450

Details

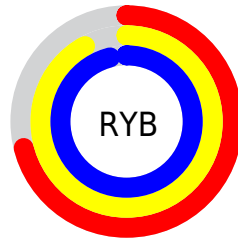
The Hex color **B6F6C4** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **F6B6E8**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **EFFFFD**, and **80BD8E** is the 20% darker color. If you saturate the color by 10%, you get **9DF6B1**, and if you desaturate by 10%, it is **CFF6D7**.

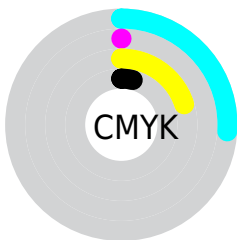
Distribution



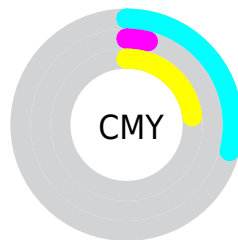
- Red (71%)
- Green (96%)
- Blue (77%)



- Red (71%)
- Yellow (92%)
- Blue (96%)



- Cyan (26%)
- Magenta (0%)
- Yellow (20%)
- Black (4%)



- Cyan (29%)
- Magenta (4%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color B6F6C4 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 B6F6C4 by changing the saturation by 10% instead.

 B6F6C4

 B6F6C4

FFFFFF

 9AD9A9


 EFFFFD

 80BD8E

 65A274

 4C885C

 326E44

 17552D

 003E18

 002700

 000B00

 B6F6C4

 B6F6C4

 9DF6B1

 CFF6D7

 85F69E

 E7F6EA

 6CF68A

 FFF6FE

 54F677

 FFF6FF

 3BF664

 22F651

 0AF63D

 00F636

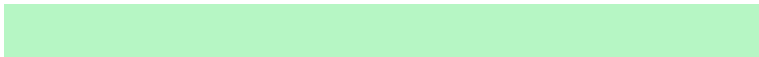
Harmonies

Analogous

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



DCEFAC



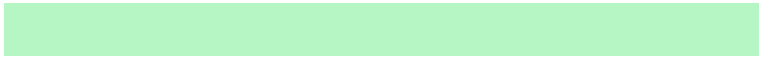
B6F6C4



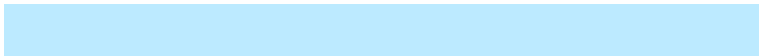
93F9E5

Triad

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



B6F6C4



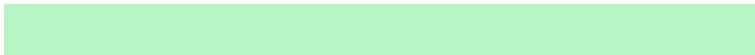
BCEAFF



FFD1C8

Complementary

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



B6F6C4



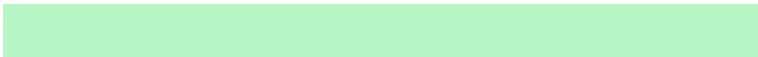
F6B6E8

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.



FFCFE9



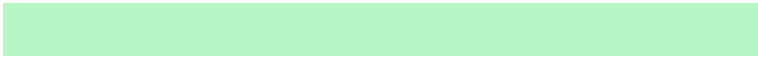
B6F6C4



EBDFFF

Square

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



B6F6C4



91F3FF



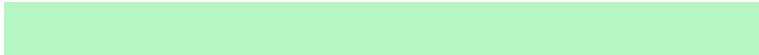
FFD4FF



FFD9AF

Rectangle

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



B6F6C4



84F9FC



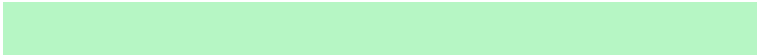
FFD4FF



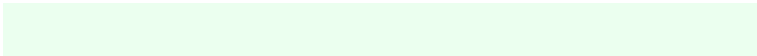
FFCFD3

Sweetspot

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



B6F6C4



EBFFEF



E8F6B6



738076



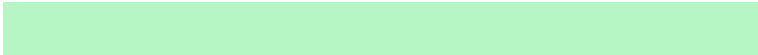
000000



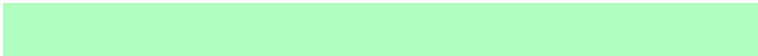
808080

Same Dimension

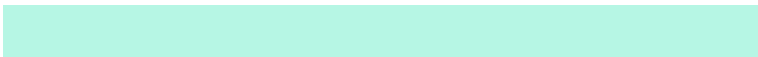
The Same Dimension uses a secret algorithm to generate beautiful new colors.



B6F6C4



B0FFC1



B6F6E4



6E7A71



00BA29



003B0D

Inverse Universe

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



F6B6E8



FFB0EE



F6B6C8



7A6E78



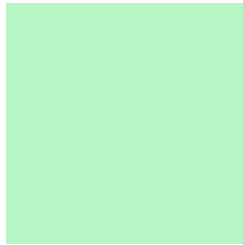
BA0091



3B002E

Previews

White Background



This preview shows how the Hex color B6F6C4 looks on a white background.

Color Contrast Check

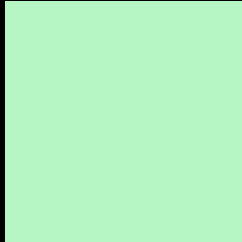
Large Text (above 18pt) WCAG AA × Fail

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 B6F6C4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

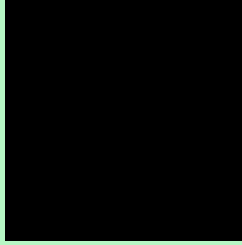
Any Text WCAG AA ✓ Pass

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 B6F6C4 Background



This preview shows how black text looks on a background with the Hex color B6F6C4.



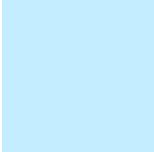
This preview shows how white text looks on a background with the Hex color B6F6C4.

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



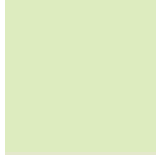


Tritanopia
C4EDFF

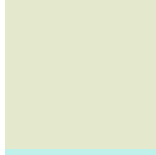
Trichromacy



Original Color
B6F6C4



Protanomaly
DDECBF



Deuteranomaly
E4E8CC

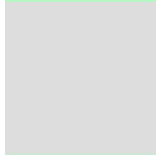


Tritanomaly
BFF0EA

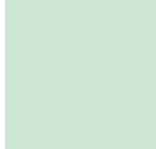
Monochromacy



Original Color
B6F6C4



Achromatopsia
DDDDDD



Achromatomaly
CFE6D4

CSS Examples

Text

The CSS property to change the color of the text to Hex B6F6C4 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 #B6F6C4 looks like.

```
.text, #text, p{  
    color:#B6F6C4  
}
```

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 #B6F6C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6F6C4
}
```

Border

The CSS property to change the border of an element to Hex B6F6C4 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
#B6F6C4 }
```

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

```
.border{ border-color:#B6F6C4 }
```

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

Here you see how a box with a 4 pixel #B6F6C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6F6C4; -webkit-box-shadow:4px 4px  
4px 4px #B6F6C4; box-shadow:4px 4px 4px  
4px #B6F6C4 }
```

Background

The CSS property to change the background color of an element to Hex B6F6C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6F6C4 }
```

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

```
.background{ background-color:#B6F6C4 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor