

Converting Colors

Hex(B5F6CE)

Have a look what the booklet for
Hex(B5F6CE) contains.

Hex(B5F6CE)	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(B5F6CE)

Conversions

Conversions Part 1

Format	Color
Hex	B5F6CE
RGB	181, 246, 206
RGB Percent	71%, 96%, 81%
CMY	0.2902, 0.0353, 0.1922
CMYK	0.26, 0.00, 0.16, 0.04
HSL	143°, 78%, 84%
HSV	143°, 26%, 96%
XYZ	63.1524, 80.1915, 70.5425
YIQ	222.0050, -25.9000, -26.2200

Conversions

Conversions Part 2

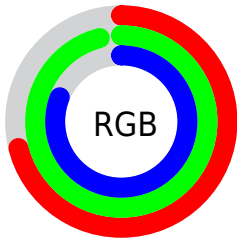
Format	Color
RYB	181, 228, 246
Decimal	11925198
CIELab	91.77, -28.23, 12.75
CIELCh	92, 30.974, 155.687
Yxy	80.1915, 0.2953, 0.3749
Android (android.graphics.Color)	4290115278 (0xFFB5F6CE)
YUV	222.0050, -7.8905, -35.9614
Hunter-Lab	89.5497, -30.8299, 15.9793

Details

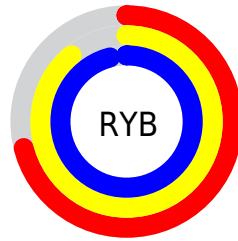
The Hex color **B5F6CE** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **F6B5DD**, and the grayscale version is **DEDEDE**.

A 20% lighter version of the original color is **EEFFFF**, and **7FBD98** is the 20% darker color. If you saturate the color by 10%, you get **9CF6BF**, and if you desaturate by 10%, it is **CEF6DD**.

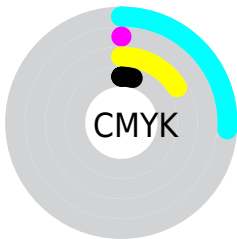
Distribution



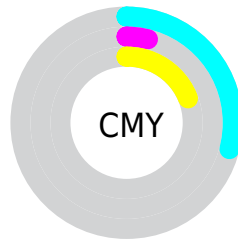
- Red (71%)
- Green (96%)
- Blue (81%)



- Red (71%)
- Yellow (89%)
- Blue (96%)



- Cyan (26%)
- Magenta (0%)
- Yellow (16%)
- Black (4%)



- Cyan (29%)
- Magenta (4%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5F6CE 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 B5F6CE by changing the saturation by 10% instead.

 B5F6CE

 B5F6CE

FFFFFF


 99D9B2

 EEEFFF

 7FBD98

 64A27E

 4B8865

 316E4D

 165536

 003E20

 00270A

 000C00

 B5F6CE

 B5F6CE

 9CF6BF

 CEF6DD

 84F6B0

 E6F6EC

 6BF6A1

 FFF6FB

 53F691

 FFF6FF

 3AF682

 21F673

 09F664

 00F65F

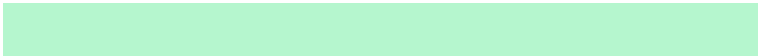
Harmonies

Analogous

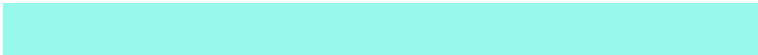
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



D7F0B6



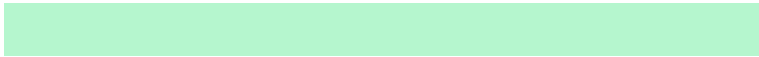
B5F6CE



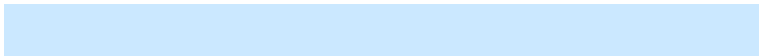
99F8EC

Triad

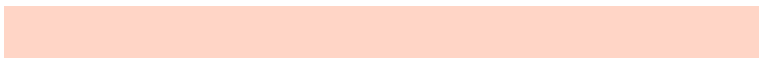
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



B5F6CE



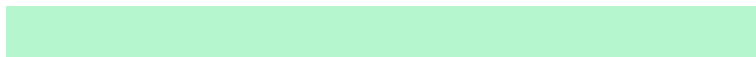
CBE8FF



FFD5C6

Complementary

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



B5F6CE



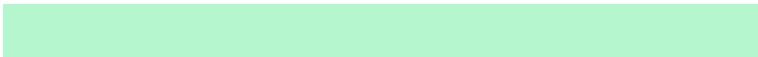
F6B5DD

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.



FFD2E3



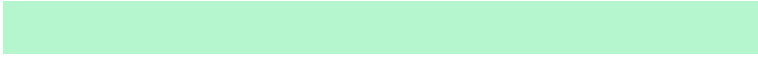
B5F6CE



F3DEFF

Square

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



B5F6CE



A5F1FF



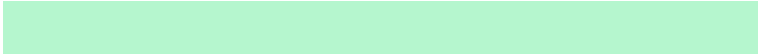
FFD5FF



FFDDB2

Rectangle

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



B5F6CE



91F8FF



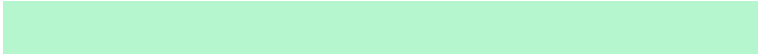
FFD5FF



FFD3CF

Sweetspot

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



B5F6CE



EBFFF2



DDF6B5



738078



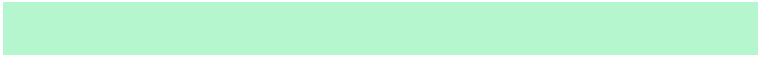
000000



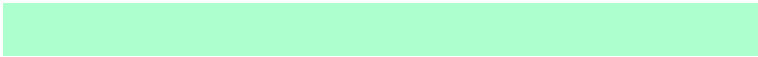
808080

Same Dimension

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



B5F6CE



ADFFCD



B5F6EE



6E7A73



00BA48



003B17

Inverse Universe

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



F6B5DD



FFADE0



F6B5BD



7A6E76



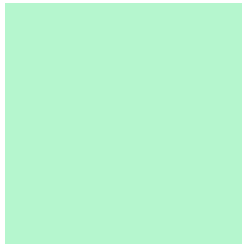
BA0073



3B0024

Previews

White Background



This preview shows how the Hex color B5F6CE looks on a white background.

Color Contrast Check

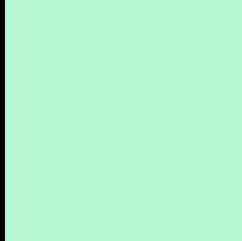
Large Text (above 18pt) WCAG AA × Fail

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 B5F6CE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

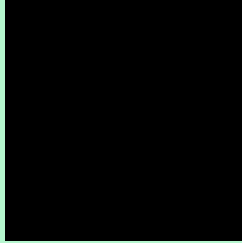
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

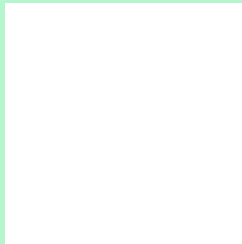
Any Text WCAG AAA ✓ Pass

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

Hex B5F6CE Background



This preview shows how black text looks on a background with the Hex color B5F6CE.

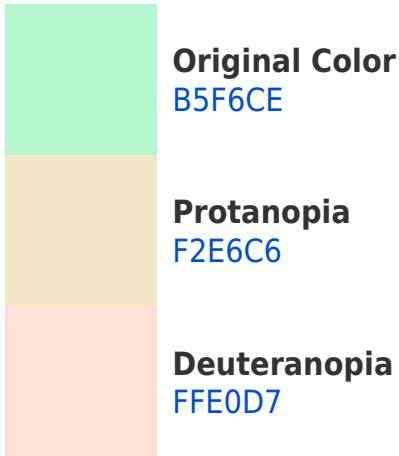


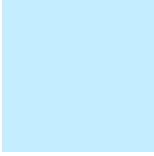
This preview shows how white text looks on a background with the Hex color B5F6CE.

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



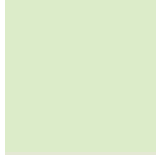


Tritanopia
C4EEFF

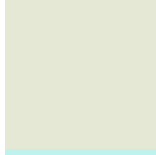
Trichromacy



Original Color
B5F6CE



Protanomaly
DCECC9



Deuteranomaly
E4E8D4

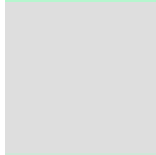


Tritanomaly
BFF1ED

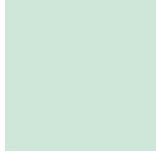
Monochromacy



Original Color
B5F6CE



Achromatopsia
DEDEDE



Achromatomaly
CFE7D8

CSS Examples

Text

The CSS property to change the color of the text to Hex B5F6CE 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 #B5F6CE looks like.

```
.text, #text, p{  
    color:#B5F6CE  
}
```

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 #B5F6CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5F6CE }  
}
```

Border

The CSS property to change the border of an element to Hex B5F6CE 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 #B5F6CE }  
}
```

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

```
.border{ border-color:#B5F6CE }
```

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

Here you see how a box with a 4 pixel #B5F6CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5F6CE; -webkit-box-shadow:4px 4px  
4px 4px #B5F6CE; box-shadow:4px 4px 4px  
4px #B5F6CE }
```

Background

The CSS property to change the background color of an element to Hex B5F6CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5F6CE }
```

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

```
.background{ background-color:#B5F6CE }
```

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