

Converting Colors

Hex(B5F6F9)

Have a look what the booklet for
Hex(B5F6F9) contains.

Hex(B5F6F9)	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(B5F6F9)

Conversions

Conversions Part 1

Format	Color
Hex	B5F6F9
RGB	181, 246, 249
RGB Percent	71%, 96%, 98%
CMY	0.2902, 0.0353, 0.0235
CMYK	0.27, 0.01, 0.00, 0.02
HSL	183°, 85%, 84%
HSV	183°, 27%, 98%
XYZ	69.1107, 82.5748, 101.9186
YIQ	226.9070, -39.7030, -12.8470

Conversions

Conversions Part 2

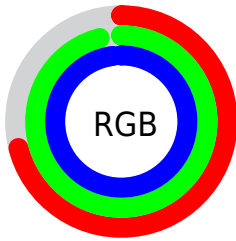
Format	Color
RYB	181, 214, 249
Decimal	11925241
CIELab	92.83, -19.47, -8.01
CIELCh	93, 21.055, 202.352
Yxy	82.5748, 0.2725, 0.3256
Android (android.graphics.Color)	4290115321 (0xFFB5F6F9)
YUV	226.9070, 10.8918, -40.2604
Hunter-Lab	90.8707, -23.2675, -2.8888

Details

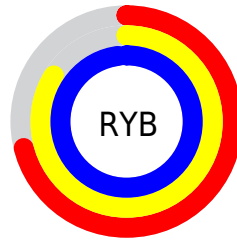
The Hex color **B5F6F9** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F9B8B5**, and the grayscale version is **E3E3E3**.

A 20% lighter version of the original color is **EEFFFF**, and **7EBEC1** is the 20% darker color. If you saturate the color by 10%, you get **9CF5F9**, and if you desaturate by 10%, it is **CEF7F9**.

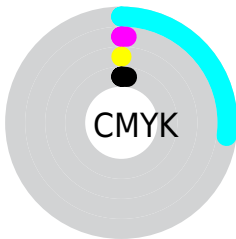
Distribution



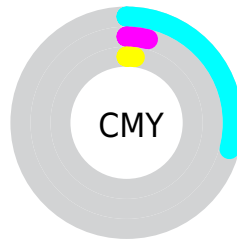
- Red (71%)
- Green (96%)
- Blue (98%)



- Red (71%)
- Yellow (84%)
- Blue (98%)



- Cyan (27%)
- Magenta (1%)
- Yellow (0%)
- Black (2%)



- Cyan (29%)
- Magenta (4%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5F6F9 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 B5F6F9 by changing the saturation by 10% instead.

 B5F6F9

 B5F6F9

FFFFFF

 99D9DC

 EEEFFF

 7EBEC1

 63A2A5

 49888B

 2D6F72

 0D5659

 003E42

 00282C

 001218

 B5F6F9

 B5F6F9

 9CF5F9

 CEF7F9

 83F4F9

 E7F8F9

 6AF3F9

 FFF9F9

 51F2F9

 FFFAF9

 39F1F9

 FFFBF9

 20EFF9

 FFFDF9

 07EEF9

 FFFE9F9

 00EEF9

 FFFFF9

Harmonies

Analogous

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



BFF6E4



B5F6F9



BAF3FF

Triad

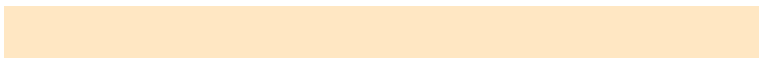
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



B5F6F9



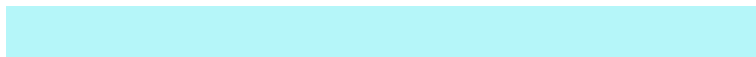
FFE1FF



FFE7C3

Complementary

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



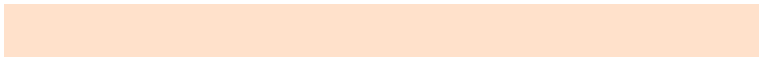
B5F6F9



F9B8B5

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.



FFE1CB



B5F6F9



FFDDF0

Square

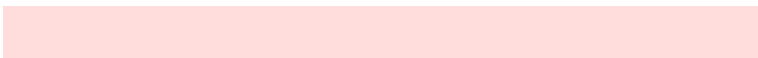
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B5F6F9



E8E7FF



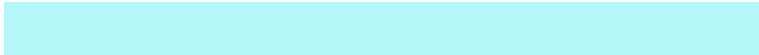
FFDDDC



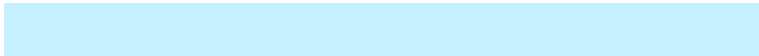
EAEEC5

Rectangle

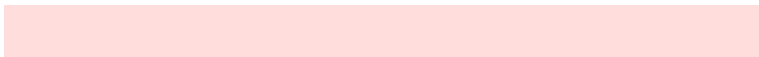
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B5F6F9



C6F0FF



FFDDDC



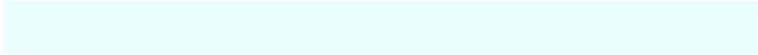
FFE5C4

Sweetspot

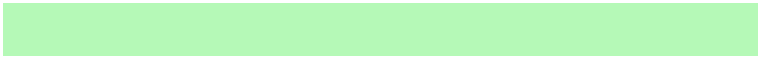
The Sweet Spot groups the original color and five complimentary colors.



B5F6F9



EBFEFF



B5F9B7



737F80



000000



808080

Same Dimension

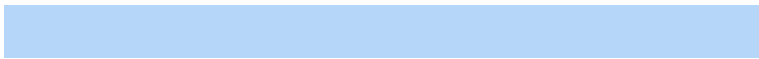
The Same Dimension uses a secret algorithm to generate beautiful new colors.



B5F6F9



ABFBFF



B5D5F9



707C7D



00B4BD



003B3D

Inverse Universe

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



F9B5F6



FFABFB



F9D9B5



7D707C



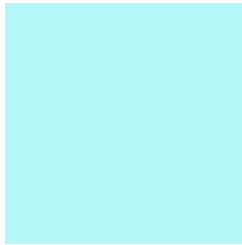
BD00B4



3D003B

Previews

White Background



This preview shows how the Hex color B5F6F9 looks on a white background.

Color Contrast Check

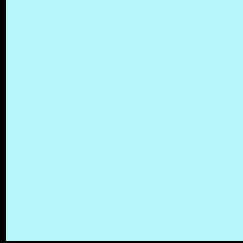
Large Text (above 18pt) WCAG AA × Fail

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 B5F6F9 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 B5F6F9 Background



This preview shows how black text looks on a background with the Hex color B5F6F9.

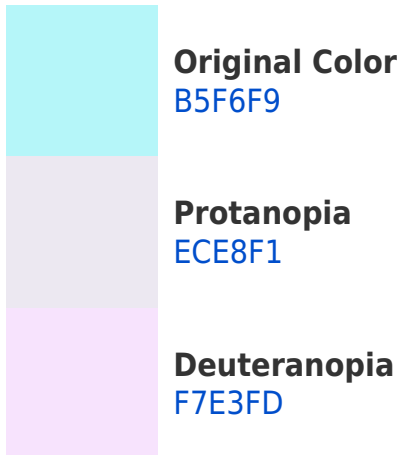


This preview shows how white text looks on a background with the Hex color B5F6F9.

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



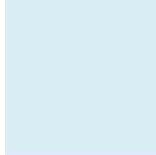


Tritanopia
C8F1FF

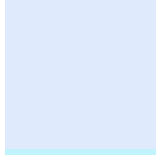
Trichromacy



Original Color
B5F6F9



Protanomaly
D8EDF4



Deuteranomaly
DFEAFC

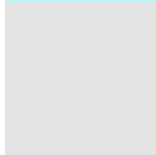


Tritanomaly
C1F3FD

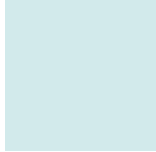
Monochromacy



Original Color
B5F6F9



Achromatopsia
E3E3E3



Achromatomaly
D2EAEB

CSS Examples

Text

The CSS property to change the color of the text to Hex B5F6F9 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 #B5F6F9 looks like.

```
.text, #text, p{  
    color:#B5F6F9  
}
```

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 #B5F6F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5F6F9
}
```

Border

The CSS property to change the border of an element to Hex B5F6F9 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
#B5F6F9 }
```

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

```
.border{ border-color:#B5F6F9 }
```

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

Here you see how a box with a 4 pixel #B5F6F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5F6F9; -webkit-box-shadow:4px 4px  
4px 4px #B5F6F9; box-shadow:4px 4px 4px  
4px #B5F6F9 }
```

Background

The CSS property to change the background color of an element to Hex B5F6F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5F6F9 }
```

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

```
.background{ background-color:#B5F6F9 }
```

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