

Converting Colors

Hex(B5FC91)

Have a look what the booklet for
Hex(B5FC91) contains.

Hex(B5FC91)	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(B5FC91)

Conversions

Conversions Part 1

Format	Color
Hex	B5FC91
RGB	181, 252, 145
RGB Percent	71%, 99%, 57%
CMY	0.2902, 0.0118, 0.4314
CMYK	0.28, 0.00, 0.42, 0.01
HSL	100°, 95%, 78%
HSV	100°, 42%, 99%
XYZ	58.9773, 81.4889, 39.4086
YIQ	218.5730, -7.9690, -48.3290

Conversions

Conversions Part 2

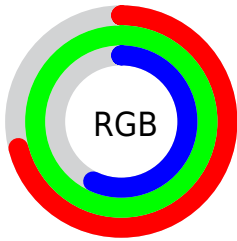
Format	Color
RYB	145, 252, 216
Decimal	11926673
CIELab	92.35, -40.55, 44.28
CIELCh	92, 60.043, 132.486
Yxy	81.4889, 0.3279, 0.4530
Android (android.graphics.Color)	4290116753 (0xFFB5FC91)
YUV	218.5730, -36.2715, -32.9515
Hunter-Lab	90.2712, -41.3544, 37.3064

Details

The Hex color **B5FC91** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **D891FC**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **EFFFC8**, and **7DC35C** is the 20% darker color. If you saturate the color by 10%, you get **A4FC78**, and if you desaturate by 10%, it is **C6FCAA**.

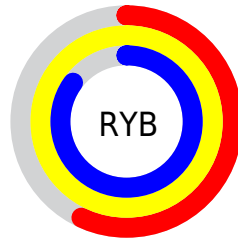
Distribution



Red (71%)

Green (99%)

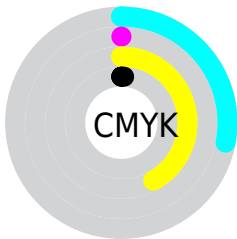
Blue (57%)



Red (57%)

Yellow (99%)

Blue (85%)

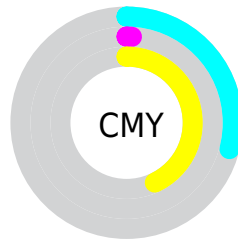


Cyan (28%)

Magenta (0%)

Yellow (42%)

Black (1%)



Cyan (29%)

Magenta (1%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5FC91 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 B5FC91 by changing the saturation by 10% instead.

 B5FC91

FFFFFF

 EFFFFC8

 FFFFEE5

 B5FC91

 99DF76

 7DC35C

 62A743

 478D29

 2A730C

 045A00

 004100

 002B00

 000F00

 B5FC91

 B5FC91

 A4FC78

 C6FCAA

 94FC5F

 D6FCC3

 83FC45

 E7FCDD

 72FC2C

 F8FCF6

 61FC13

 FFFCFF

 55FC00

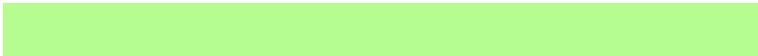
Harmonies

Analogous

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



F5ED75



B5FC91



60FFC4

Triad

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



B5FC91



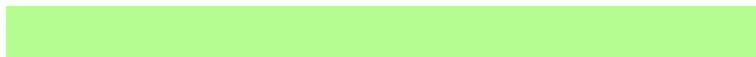
00F9FF



FFBAD3

Complementary

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



B5FC91



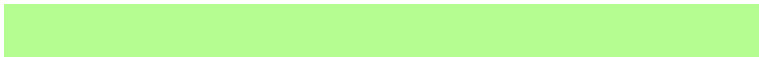
D891FC

Split Complementary

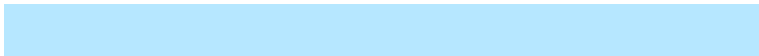
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFBEFF



B5FC91



B6E7FF

Square

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



B5FC91



00FFFF



FFD1FF



FFC59E

Rectangle

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



B5FC91



00FFEC



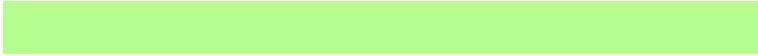
FFD1FF



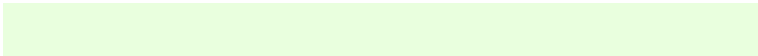
FFB9E6

Sweetspot

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



B5FC91



E9FFDE



FCD791



72806B



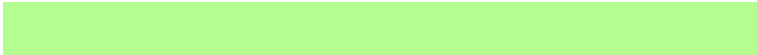
000000



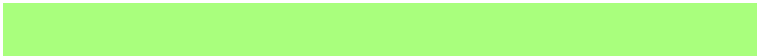
808080

Same Dimension

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



B5FC91



A9FF7D



91FCA1



757D70



3FBD00



153D00

Inverse Universe

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



D891FC



D37DFF



FC91EC



79707D



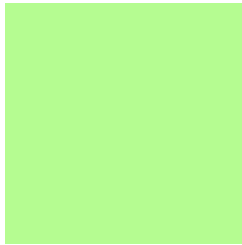
7D00BD



29003D

Previews

White Background



This preview shows how the Hex color B5FC91 looks on a white background.

Color Contrast Check

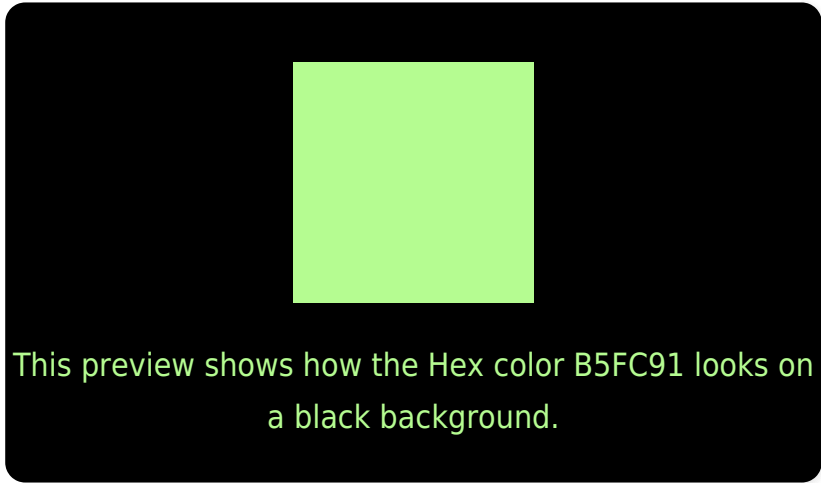
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

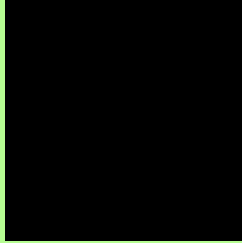
Any Text WCAG AA ✓ Pass

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 B5FC91 Background



This preview shows how black text looks on a background with the Hex color B5FC91.

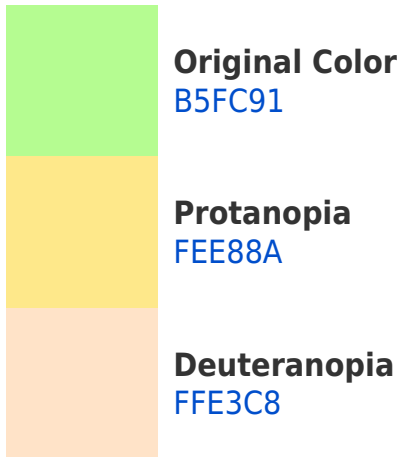


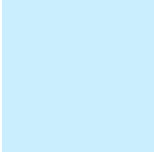
This preview shows how white text looks on a background with the Hex color B5FC91.

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

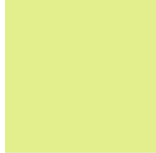




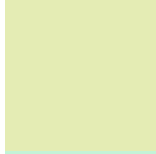
Trichromacy



Original Color
B5FC91



Protanomaly
E3EF8D

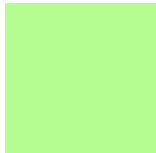


Deuteranomaly
E4ECB4

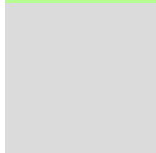


Tritanomaly
C3F3D7

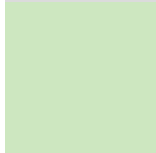
Monochromacy



Original Color
B5FC91



Achromatopsia
DBDBDB



Achromatomaly
CDE7C0

CSS Examples

Text

The CSS property to change the color of the text to Hex B5FC91 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 #B5FC91 looks like.

```
.text, #text, p{  
    color:#B5FC91  
}
```

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 #B5FC91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5FC91
}
```

Border

The CSS property to change the border of an element to Hex B5FC91 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
#B5FC91 }
```

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

```
.border{ border-color:#B5FC91 }
```

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

Here you see how a box with a 4 pixel #B5FC91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5FC91; -webkit-box-shadow:4px 4px  
4px 4px #B5FC91; box-shadow:4px 4px 4px  
4px #B5FC91 }
```

Background

The CSS property to change the background color of an element to Hex B5FC91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5FC91 }
```

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

```
.background{ background-color:#B5FC91 }
```

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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