

Converting Colors

Hex(B1FE98)

Have a look what the booklet for
Hex(B1FE98) contains.

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Color

Hex(B1FE98)

Conversions

Conversions Part 1

Format	Color
Hex	B1FE98
RGB	177, 254, 152
RGB Percent	69%, 100%, 60%
CMY	0.3059, 0.0039, 0.4039
CMYK	0.30, 0.00, 0.40, 0.00
HSL	105°, 98%, 80%
HSV	105°, 40%, 100%
XYZ	59.2408, 82.4977, 42.5071
YIQ	219.3490, -13.1500, -48.0460

Conversions

Conversions Part 2

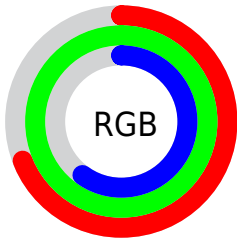
Format	Color
RYB	152, 254, 229
Decimal	11665048
CIELab	92.79, -41.84, 41.40
CIElCh	93, 58.863, 135.299
Yxy	82.4977, 0.3215, 0.4478
Android (android.graphics.Color)	4289855128 (0xFFB1FE98)
YUV	219.3490, -33.2031, -37.1401
Hunter-Lab	90.8283, -42.5267, 35.8324

Details

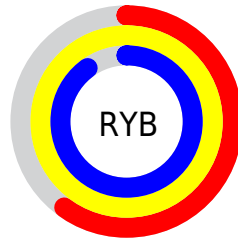
The Hex color **B1FE98** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **E598FE**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **EBFFCF**, and **79C563** is the 20% darker color. If you saturate the color by 10%, you get **9EFE7F**, and if you desaturate by 10%, it is **C4FEB1**.

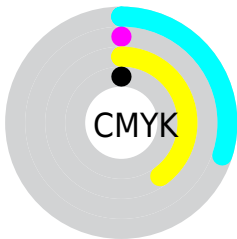
Distribution



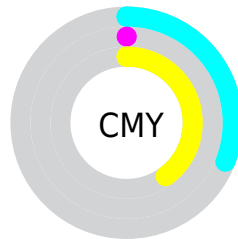
- Red (69%)
- Green (100%)
- Blue (60%)



- Red (60%)
- Yellow (100%)
- Blue (90%)



- Cyan (30%)
- Magenta (0%)
- Yellow (40%)
- Black (0%)



- Cyan (31%)
- Magenta (0%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1FE98 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 B1FE98 by changing the saturation by 10% instead.

 B1FE98

FFFFFF

 EBFFCF

 FFFFEC

 B1FE98

 95E17D

 79C563

 5EA94A

 428E31

 257417

 005B00

 004300

 002C00

 001100

 B1FE98

 B1FE98

 9EFE7F

 C4FEB1

 8BFE65

 D7FECB

 77FE4C

 EBFEE4

 64FE32

 FEFEFE

 51FE19

 FFFEFF

 3EFE00

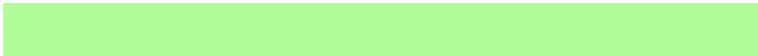
Harmonies

Analogous

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



F1F07A



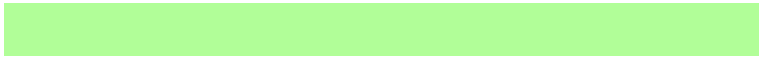
B1FE98



5CFFCC

Triad

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



B1FE98



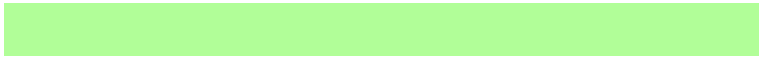
3CF8FF



FFBCCF

Complementary

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



B1FE98



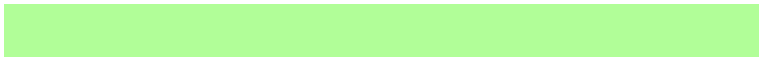
E598FE

Split Complementary

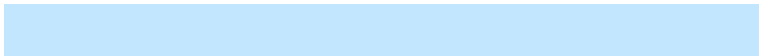
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFBFFF



B1FE98



C3E6FF

Square

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



B1FE98



00FFFF



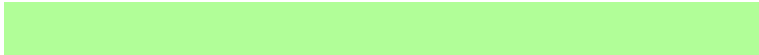
FFD0FF



FFC99C

Rectangle

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



B1FE98



00FFF3



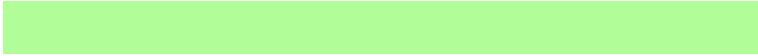
FFD0FF



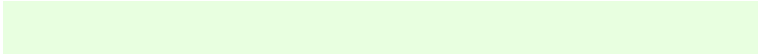
FFBCE2

Sweetspot

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



B1FE98



E8FFE0



FEE498



72806E



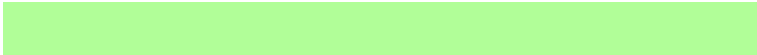
000000



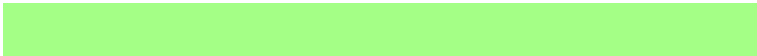
808080

Same Dimension

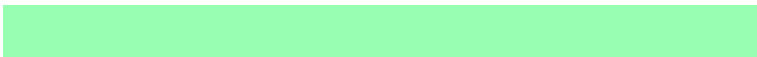
The Same Dimension uses a secret algorithm to generate beautiful new colors.



B1FE98



A3FF85



98FEB2



768073



2FBF00



104000

Inverse Universe

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



E598FE



E185FF



FE98E4



7C7380



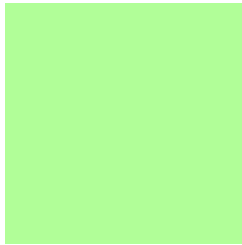
9000BF



300040

Previews

White Background



This preview shows how the Hex color B1FE98 looks on a white background.

Color Contrast Check

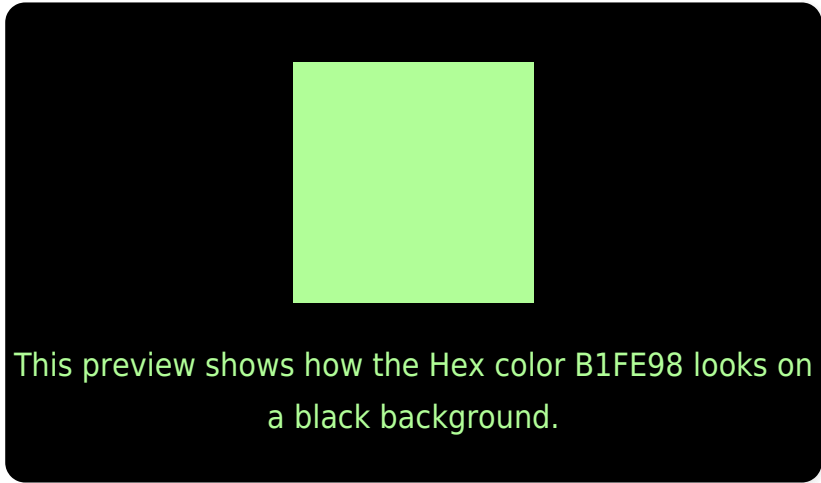
Large Text (above 18pt) WCAG AA × Fail

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

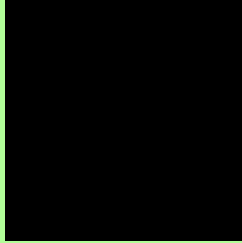
Any Text WCAG AA ✓ Pass

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 B1FE98 Background



This preview shows how black text looks on a background with the Hex color B1FE98.

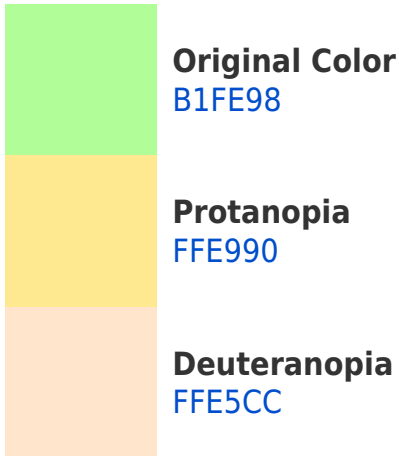


This preview shows how white text looks on a background with the Hex color B1FE98.

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](#).

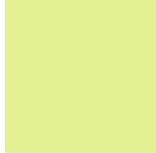
Dichromacy



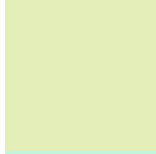
Trichromacy



Original Color
B1FE98



Protanomaly
E3F193

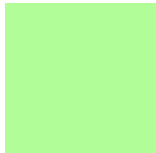


Deuteranomaly
E3EEB9

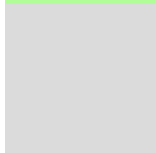


Tritanomaly
C2F5DA

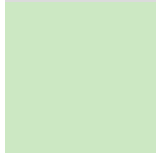
Monochromacy



Original Color
B1FE98



Achromatopsia
DBDBDB



Achromatomaly
CCE8C3

CSS Examples

Text

The CSS property to change the color of the text to Hex B1FE98 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 #B1FE98 looks like.

```
.text, #text, p{  
    color:#B1FE98  
}
```

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 #B1FE98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1FE98
}
```

Border

The CSS property to change the border of an element to Hex B1FE98 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
#B1FE98 }
```

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

```
.border{ border-color:#B1FE98 }
```

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

Here you see how a box with a 4 pixel #B1FE98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1FE98; -webkit-box-shadow:4px 4px  
4px 4px #B1FE98; box-shadow:4px 4px 4px  
4px #B1FE98 }
```

Background

The CSS property to change the background color of an element to Hex B1FE98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1FE98 }
```

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

```
.background{ background-color:#B1FE98 }
```

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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