

Converting Colors

Hex(B1EF94)

Have a look what the booklet for
Hex(B1EF94) contains.

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Color

Hex(B1EF94)

Conversions

Conversions Part 1

Format	Color
Hex	B1EF94
RGB	177, 239, 148
RGB Percent	69%, 94%, 58%
CMY	0.3059, 0.0627, 0.4196
CMYK	0.26, 0.00, 0.38, 0.06
HSL	101°, 74%, 76%
HSV	101°, 38%, 94%
XYZ	54.3433, 73.2182, 39.2853
YIQ	210.0880, -7.7410, -41.4450

Conversions

Conversions Part 2

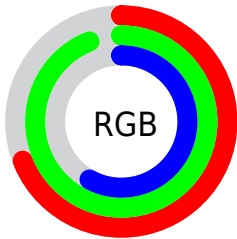
Format	Color
RYB	148, 239, 210
Decimal	11661204
CIELab	88.55, -35.66, 37.88
CIElCh	89, 52.026, 133.273
Yxy	73.2182, 0.3257, 0.4388
Android (android.graphics.Color)	4289851284 (0xFFB1EF94)
YUV	210.0880, -30.6094, -29.0182
Hunter-Lab	85.5677, -36.3796, 32.6765

Details

The Hex color **B1EF94** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **D294EF**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **EAFFCB**, and **7AB760** is the 20% darker color. If you saturate the color by 10%, you get **A1EF7C**, and if you desaturate by 10%, it is **C1EFAC**.

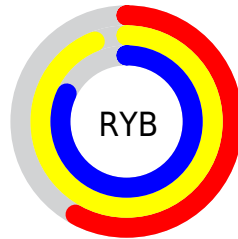
Distribution



Red (69%)

Green (94%)

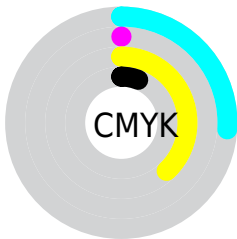
Blue (58%)



Red (58%)

Yellow (94%)

Blue (82%)

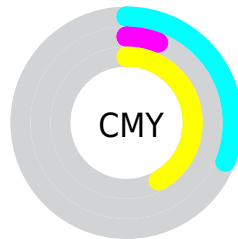


Cyan (26%)

Magenta (0%)

Yellow (38%)

Black (6%)



Cyan (31%)

Magenta (6%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1EF94 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 B1EF94 by changing the saturation by 10% instead.

 B1EF94

FFFFFF

 EAFFCB

 FFFFE7

 B1EF94

 95D37A

 7AB760

 609C47

 45812E

 2B6815

 0A4F00

 003700

 002400

 000000

 B1EF94

 B1EF94

 A1EF7C

 C1EFAC

 90EF64

 D2EFC4

 80EF4C

 E2EFDC

 70EF34

 F2EFF4

 60EF1D

 FFEFFF

 4FEF05

 4CEF00

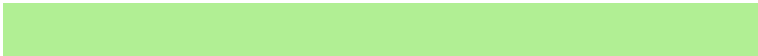
Harmonies

Analogous

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



E8E27B



B1EF94



6EF6C0

Triad

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



B1EF94



53EBFF



FFB7CA

Complementary

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



B1EF94



D294EF

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.



FFBAFC



B1EF94



B8DCFF

Square

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



B1EF94



00F5FF



FFC9FF



FFC19D

Rectangle

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



B1EF94



25F8E2



FFC9FF



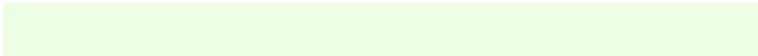
FFB6DB

Sweetspot

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



B1EF94



ECFFE3



EFD194



74806F



000000



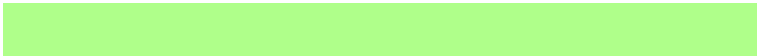
808080

Same Dimension

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



B1EF94



AFFF8A



94EFA3



70786C



3BB800



123800

Inverse Universe

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



D294EF



DA8AFF



EF94E0



746C78



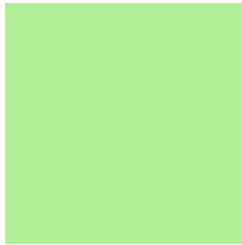
7D00B8



260038

Previews

White Background



This preview shows how the Hex color B1EF94 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

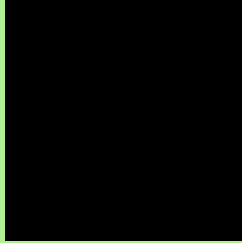
Any Text WCAG AA ✓ Pass

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 B1EF94 Background



This preview shows how black text looks on a background with the Hex color B1EF94.

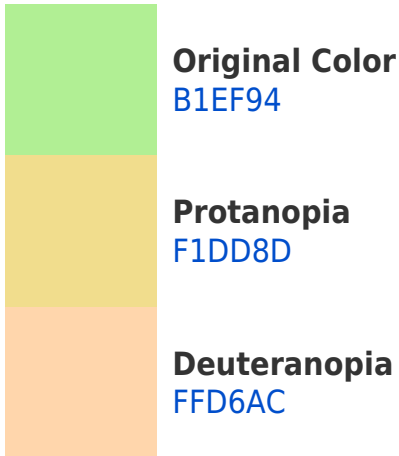


This preview shows how white text looks on a background with the Hex color B1EF94.

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



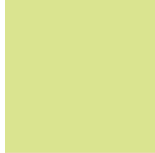


Tritanopia
C1E3F5

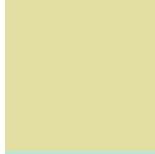
Trichromacy



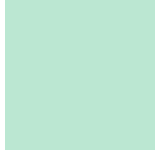
Original Color
B1EF94



Protanomaly
DAE490



Deuteranomaly
E3DFA3

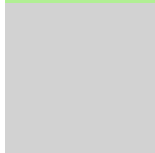


Tritanomaly
BBE7D2

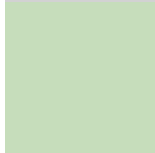
Monochromacy



Original Color
B1EF94



Achromatopsia
D2D2D2



Achromatomaly
C6DDBB

CSS Examples

Text

The CSS property to change the color of the text to Hex B1EF94 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 #B1EF94 looks like.

```
.text, #text, p{  
    color:#B1EF94  
}
```

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 #B1EF94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1EF94  
}
```

Border

The CSS property to change the border of an element to Hex B1EF94 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  
#B1EF94 }
```

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

```
.border{ border-color:#B1EF94 }
```

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

Here you see how a box with a 4 pixel #B1EF94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1EF94; -webkit-box-shadow:4px 4px  
4px 4px #B1EF94; box-shadow:4px 4px 4px  
4px #B1EF94 }
```

Background

The CSS property to change the background color of an element to Hex B1EF94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1EF94 }
```

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

```
.background{ background-color:#B1EF94 }
```

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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