

Converting Colors

Hex(B1FE42)

Have a look what the booklet for
Hex(B1FE42) contains.

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Color

Hex(**B1FE42**)

Conversions

Conversions Part 1

Format	Color
Hex	B1FE42
RGB	177, 254, 66
RGB Percent	69%, 100%, 26%
CMY	0.3059, 0.0039, 0.7412
CMYK	0.30, 0.00, 0.74, 0.00
HSL	85°, 99%, 63%
HSV	85°, 74%, 100%
XYZ	54.5566, 80.6241, 17.8408
YIQ	209.5450, 14.4560, -74.7920

Conversions

Conversions Part 2

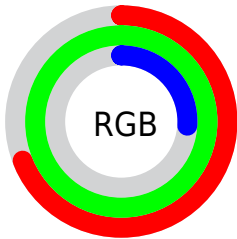
Format	Color
R _Y B	66, 254, 143
Decimal	11664962
CIE Lab	91.96, -49.83, 76.70
CIE LCh	92, 91.468, 123.009
Yxy	80.6241, 0.3565, 0.5269
Android (android.graphics.Color)	4289855042 (0xFFB1FE42)
YUV	209.5450, -70.7677, -28.5420
Hunter-Lab	89.7909, -48.6781, 51.0731

Details

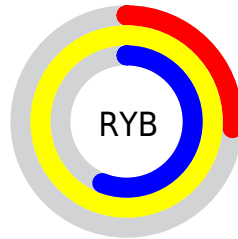
The Hex color **B1FE42** is a light color, and the websafe version is hex **99FF33**. The color can be described as light washed chartreuse. A complement of this color would be **8F42FE**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **EDFF7E**, and **76C500** is the 20% darker color. If you saturate the color by 10%, you get **A7FE29**, and if you desaturate by 10%, it is **BBFE5B**.

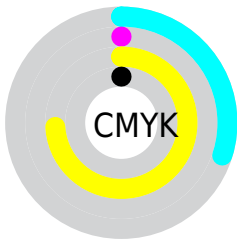
Distribution



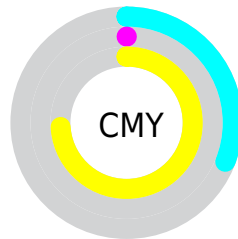
- Red (69%)
- Green (100%)
- Blue (26%)



- Red (26%)
- Yellow (100%)
- Blue (56%)



- Cyan (30%)
- Magenta (0%)
- Yellow (74%)
- Black (0%)



- Cyan (31%)
- Magenta (0%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1FE42 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 B1FE42 by changing the saturation by 10% instead.

 B1FE42

 B1FE42

FFFFFF

 93E11C

 EDFF7E

 76C500

 FFFF9B

 58A900

 FFFF88

 398E00

 FFFF66

 107400

 FFFF33

 005B00

 004200

 002D00

 000D00

 B1FE42

 B1FE42

 A7FE29

 BBFE5B

 9CFE0F

 C6FE75

 96FE00

 D0FE8E

 DBFEA8

 E5FEC1

 EFFEDA

 FAFEF4

FFFEFF

Harmonies

Analogous

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



FFE700



B1FE42



00FF94

Triad

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



B1FE42



00FFFF



FF8FE3

Complementary

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



B1FE42



8F42FE

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.



FFA5FF



B1FE42



00F0FF

Square

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



B1FE42



00FFFF



F3CDFE



FFA08D

Rectangle

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



B1FE42



00FFD0



F3CDFF



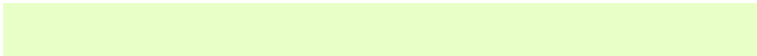
FF92FF

Sweetspot

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



B1FE42



E8FFC7



FE8D42



72805E



000000



808080

Same Dimension

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



B1FE42



A2FF1C



55FE42



7A8073



71BF00



264000

Inverse Universe

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



8F42FE



791CFF



EB42FE



787380



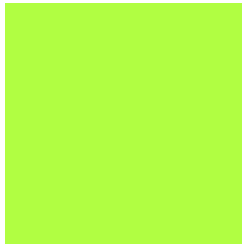
4E00BF



1A0040

Previews

White Background



This preview shows how the Hex color B1FE42 looks on a white background.

Color Contrast Check

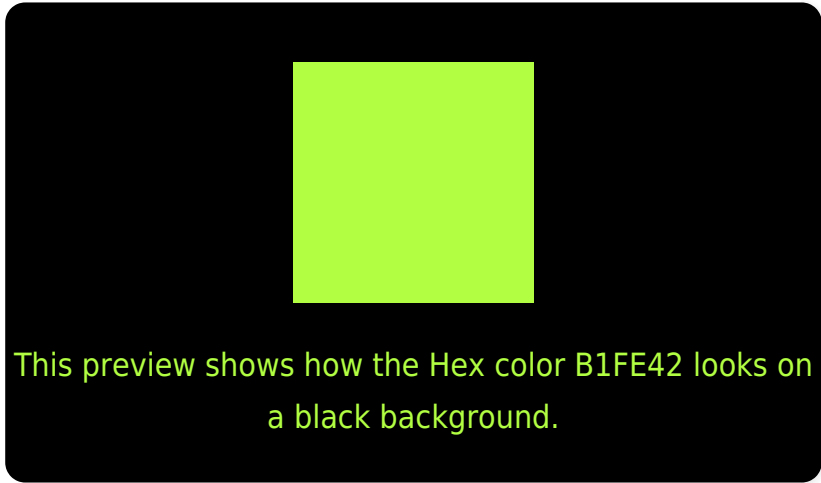
Large Text (above 18pt) WCAG AA × Fail

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 B1FE42 Background



This preview shows how black text looks on a background with the Hex color B1FE42.

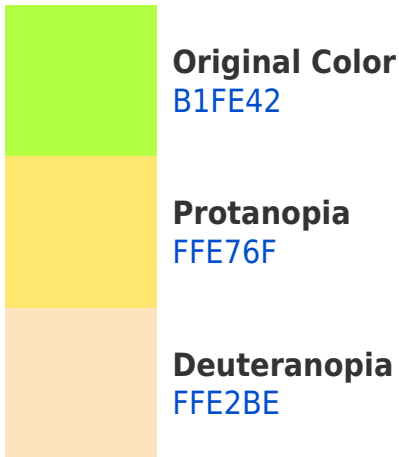


This preview shows how white text looks on a background with the Hex color B1FE42.

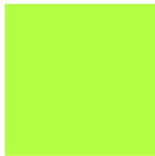
Color Blindness Simulation

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



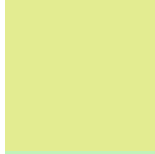
Trichromacy



Original Color
B1FE42



Protanomaly
E3EF5F

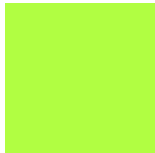


Deuteranomaly
E3EC91

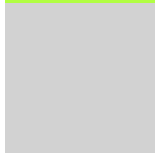


Tritanomaly
C1F3BA

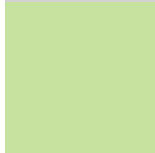
Monochromacy



Original Color
B1FE42



Achromatopsia
D2D2D2



Achromatomaly
C6E29E

CSS Examples

Text

The CSS property to change the color of the text to Hex B1FE42 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 #B1FE42 looks like.

```
.text, #text, p{  
    color:#B1FE42  
}
```

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 #B1FE42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1FE42
}
```

Border

The CSS property to change the border of an element to Hex B1FE42 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
#B1FE42 }
```

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

```
.border{ border-color:#B1FE42 }
```

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

Here you see how a box with a 4 pixel #B1FE42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1FE42; -webkit-box-shadow:4px 4px  
4px 4px #B1FE42; box-shadow:4px 4px 4px  
4px #B1FE42 }
```

Background

The CSS property to change the background color of an element to Hex B1FE42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1FE42 }
```

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

```
.background{ background-color:#B1FE42 }
```

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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