

Converting Colors

Hex(B3FF49)

Have a look what the booklet for
Hex(B3FF49) contains.

Hex(B3FF49)	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(**B3FF49**)

Conversions

Conversions Part 1

Format	Color
Hex	B3FF49
RGB	179, 255, 73
RGB Percent	70%, 100%, 29%
CMY	0.2980, 0.0000, 0.7137
CMYK	0.30, 0.00, 0.71, 0.00
HSL	85°, 100%, 64%
HSV	85°, 71%, 100%
XYZ	55.5530, 81.5847, 19.1228
YIQ	211.5280, 13.1260, -72.7140

Conversions

Conversions Part 2

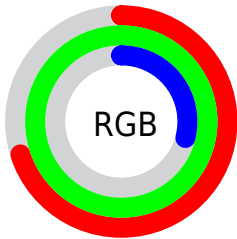
Format	Color
R_{YB}	73, 255, 149
Decimal	11796297
CIE _{Lab}	92.39, -49.16, 74.88
CIE _{LCh}	92, 89.572, 123.283
Yxy	81.5847, 0.3555, 0.5221
Android (android.graphics.Color)	4289986377 (0xFFB3FF49)
YUV	211.5280, -68.2943, -28.5271
Hunter-Lab	90.3243, -48.2829, 50.6745

Details

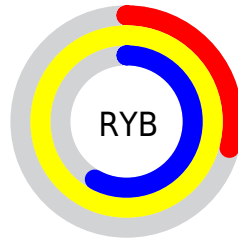
The Hex color **B3FF49** is a light color, and the websafe version is hex **99FF33**. The color can be described as light washed chartreuse. A complement of this color would be **9549FF**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **FFFF84**, and **78C600** is the 20% darker color. If you saturate the color by 10%, you get **A8FF30**, and if you desaturate by 10%, it is **BEFF62**.

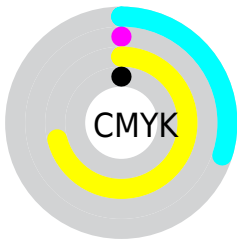
Distribution



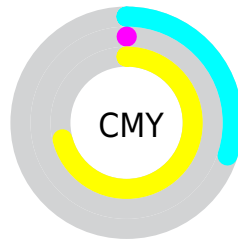
- Red (70%)
- Green (100%)
- Blue (29%)



- Red (29%)
- Yellow (100%)
- Blue (58%)



- Cyan (30%)
- Magenta (0%)
- Yellow (71%)
- Black (0%)



- Cyan (30%)
- Magenta (0%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3FF49 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 B3FF49 by changing the saturation by 10% instead.

 B3FF49

 B3FF49

FFFFFF

 96E227

 EFFF84

 78C600

 FFFFA1

 5BAA00

 FFFFBE

 3C8F00

 FFFFDB


 177500

 FFFFF9

 005C00

 004300

 002D00

 000F00

 B3FF49

 B3FF49

 A8FF30

 BEFF62

 9EFF16

 C8FF7C

 95FF00

 D3FF95

 DEFFAF

 E8FFC9

 F3FFE2

 FEFFFB

FFFFFF

Harmonies

Analogous

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



FFE817



B3FF49



00FF97

Triad

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



B3FF49



00FFFF



FF93E3

Complementary

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



B3FF49



9549FF

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.



FFA8FF



B3FF49



00F0FF

Square

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



B3FF49



00FFFF



F6CEFF



FFA490

Rectangle

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



B3FF49



00FFD2



F6CEFF



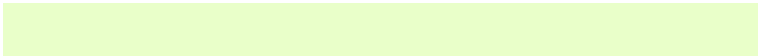
FF96FF

Sweetspot

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



B3FF49



E9FFC9



FF9549



728060



000000



808080

Same Dimension

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



B3FF49



A3FF24



58FF49



7A8073



6FBF00



254000

Inverse Universe

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



9549FF



7F24FF



F049FF



787380



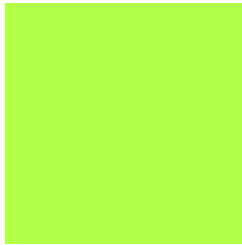
5000BF



1B0040

Previews

White Background



This preview shows how the Hex color B3FF49 looks on a white background.

Color Contrast Check

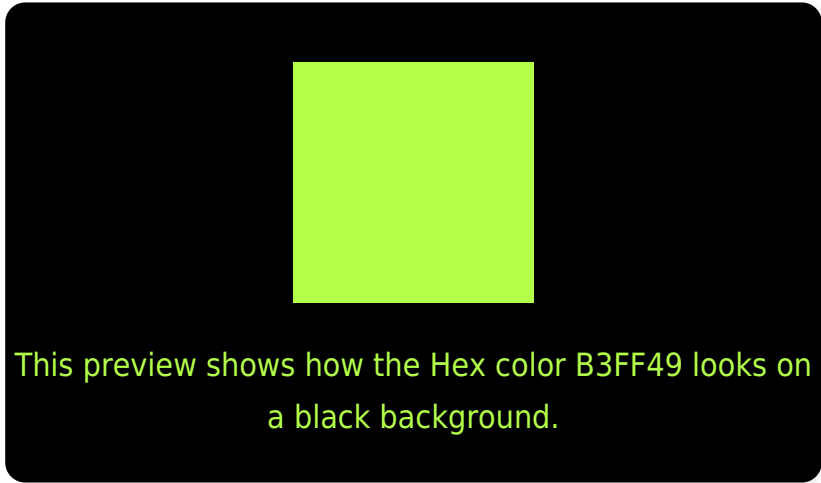
Large Text (above 18pt) WCAG AA × Fail

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 B3FF49 Background



This preview shows how black text looks on a background with the Hex color B3FF49.

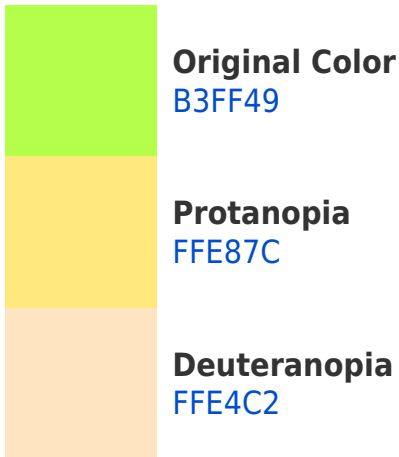


This preview shows how white text looks on a background with the Hex color B3FF49.

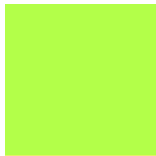
Color Blindness Simulation

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](#).

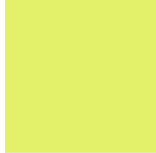
Dichromacy



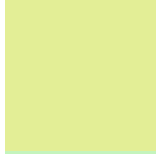
Trichromacy



Original Color
B3FF49



Protanomaly
E3F069

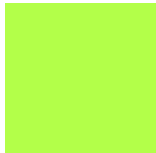


Deuteranomaly
E3EE96

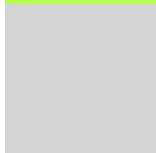


Tritanomaly
C4F4BD

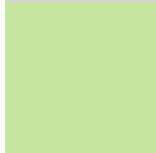
Monochromacy



Original Color
B3FF49



Achromatopsia
D4D4D4



Achromatomaly
C8E4A1

CSS Examples

Text

The CSS property to change the color of the text to Hex B3FF49 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 #B3FF49 looks like.

```
.text, #text, p{  
    color:#B3FF49  
}
```

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 #B3FF49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3FF49
}
```

Border

The CSS property to change the border of an element to Hex B3FF49 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
#B3FF49 }
```

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

```
.border{ border-color:#B3FF49 }
```

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

Here you see how a box with a 4 pixel #B3FF49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3FF49; -webkit-box-shadow:4px 4px  
4px 4px #B3FF49; box-shadow:4px 4px 4px  
4px #B3FF49 }
```

Background

The CSS property to change the background color of an element to Hex B3FF49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3FF49 }
```

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

```
.background{ background-color:#B3FF49 }
```

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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