

Converting Colors

Hex(BFF349)

Have a look what the booklet for
Hex(BFF349) contains.

Hex(BFF349)	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(BFF349)

Conversions

Conversions Part 1

Format	Color
Hex	BFF349
RGB	191, 243, 73
RGB Percent	75%, 95%, 29%
CMY	0.2510, 0.0471, 0.7137
CMYK	0.21, 0.00, 0.70, 0.05
HSL	78°, 88%, 62%
HSV	78°, 70%, 95%
XYZ	54.7390, 75.6586, 18.0218
YIQ	208.0720, 23.5780, -63.8940

Conversions

Conversions Part 2

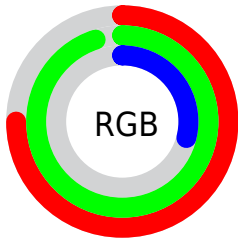
Format	Color
RYB	73, 243, 125
Decimal	12579657
CIELab	89.70, -39.61, 72.43
CIELCh	90, 82.555, 118.672
Yxy	75.6586, 0.3688, 0.5098
Android (android.graphics.Color)	4290769737 (0xFFBFF349)
YUV	208.0720, -66.5905, -14.9721
Hunter-Lab	86.9819, -39.8857, 48.6030

Details

The Hex color **BFF349** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light washed chartreuse. A complement of this color would be **7D49F3**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **FBFF83**, and **85BB00** is the 20% darker color. If you saturate the color by 10%, you get **B8F331**, and if you desaturate by 10%, it is **C6F361**.

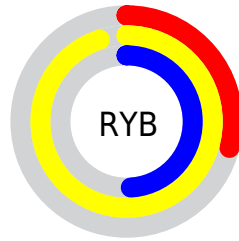
Distribution



Red (75%)

Green (95%)

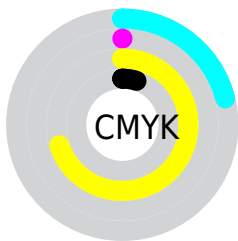
Blue (29%)



Red (29%)

Yellow (95%)

Blue (49%)

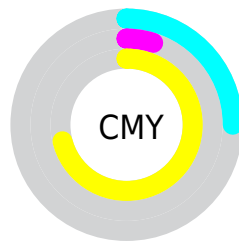


Cyan (21%)

Magenta (0%)

Yellow (70%)

Black (5%)



Cyan (25%)

Magenta (5%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color BFF349 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 BFF349 by changing the saturation by 10% instead.

 BFF349

 BFF349

FFFFFF

 A2D628

 FBFF83

 85BB00

 FFFF9F

 699F00

 FFFFBC

 4C8500

 FFFFD9

 2F6B00

 FFFFF7

 075300

 003B00

 002700

 000000

 BFF349

 BFF349

 B8F331

 C6F361

 B0F318

 CEF37A

 A9F300

 D5F392

 DDF3AA

 E4F3C2

 ECF3DB

 F3F3F3

 FAF3FF

 FFF3FF

Harmonies

Analogous

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



FFDC2F



BFF349



46FF8B

Triad

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



BFF349



00FEFF



FF96E8

Complementary

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



BFF349



7D49F3

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.



FFACFF



BFF349



00ECFF

Square

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



BFF349



00FFFF



DBCEFF



FFA09B

Rectangle

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



BFF349



00FFC0



DBCEFF



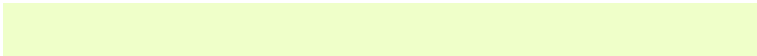
FF9AFF

Sweetspot

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



BFF349



EFFFC9



F37C49



768060



000000



808080

Same Dimension

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



BFF349



BDF29



6BF349



777A6E



81BA00



293B00

Inverse Universe

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



7D49F3



6A29FF



D149F3



726E7A



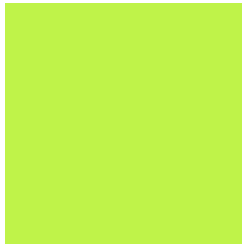
3900BA



12003B

Previews

White Background



This preview shows how the Hex color BFF349 looks on a white background.

Color Contrast Check

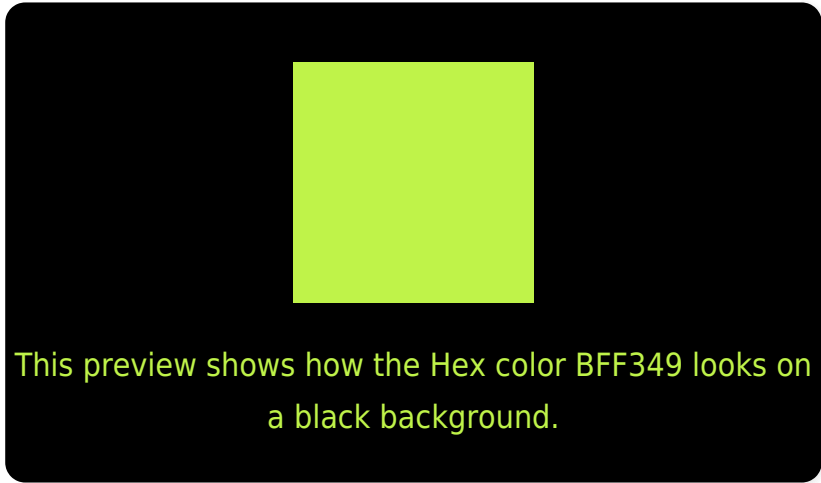
Large Text (above 18pt) WCAG AA × Fail

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 BFF349 Background



This preview shows how black text looks on a background with the Hex color BFF349.

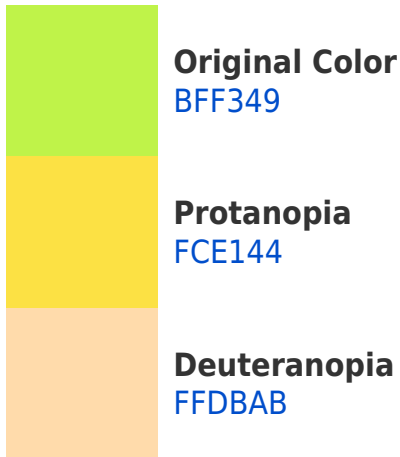


This preview shows how white text looks on a background with the Hex color BFF349.

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](#).

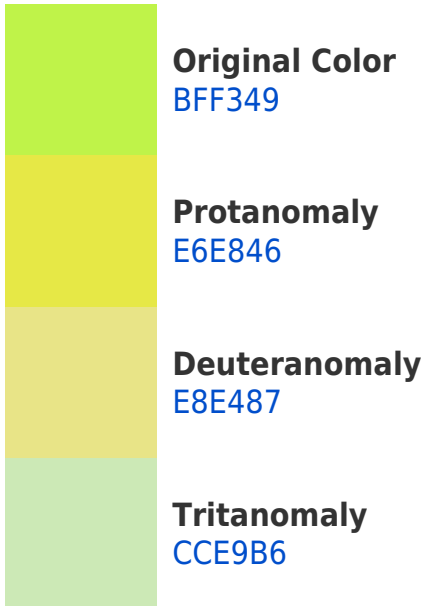
Dichromacy



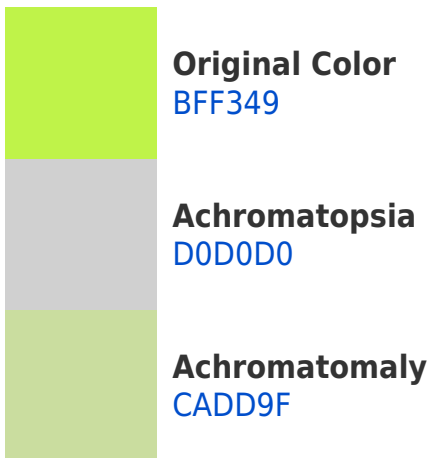


Tritanopia
D3E3F5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BFF349 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 #BFF349 looks like.

```
.text, #text, p{  
    color:#BFF349  
}
```

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 #BFF349 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BFF349
}
```

Border

The CSS property to change the border of an element to Hex BFF349 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
#BFF349 }
```

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

```
.border{ border-color:#BFF349 }
```

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

Here you see how a box with a 4 pixel #BFF349 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BFF349; -webkit-box-shadow:4px 4px  
4px 4px #BFF349; box-shadow:4px 4px 4px  
4px #BFF349 }
```

Background

The CSS property to change the background color of an element to Hex BFF349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BFF349 }
```

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

```
.background{ background-color:#BFF349 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor