

Converting Colors

Hex(3BFFAD)

Have a look what the booklet for
Hex(3BFFAD) contains.

Hex(3BFFAD)	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(3BFFAD)

Conversions

Conversions Part 1

Format	Color
Hex	3BFFAD
RGB	59, 255, 173
RGB Percent	23%, 100%, 68%
CMY	0.7686, 0.0000, 0.3216
CMYK	0.77, 0.00, 0.32, 0.00
HSL	155°, 100%, 62%
HSV	155°, 77%, 100%
XYZ	45.1065, 75.4669, 51.7244
YIQ	187.0480, -90.4940, -67.0540

Conversions

Conversions Part 2

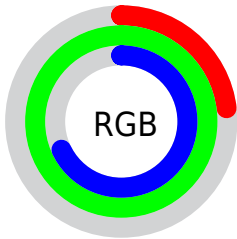
Format	Color
R _{YB}	59, 183, 255
Decimal	3932077
CIE Lab	89.61, -65.22, 26.03
CIE LCh	90, 70.220, 158.238
Yxy	75.4669, 0.2618, 0.4380
Android (android.graphics.Color)	4282122157 (0xFF3BFFAD)
YUV	187.0480, -6.9257, -112.2981
Hunter-Lab	86.8717, -59.3428, 25.5083

Details

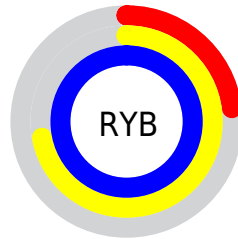
The Hex color **3BFFAD** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **FF3B8D**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **86FFE5**, and **00C578** is the 20% darker color. If you saturate the color by 10%, you get **21FFA2**, and if you desaturate by 10%, it is **55FFB8**.

Distribution



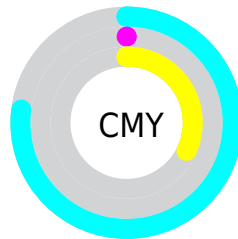
- Red (23%)
- Green (100%)
- Blue (68%)



- Red (23%)
- Yellow (72%)
- Blue (100%)



- Cyan (77%)
- Magenta (0%)
- Yellow (32%)
- Black (0%)



- Cyan (77%)
- Magenta (0%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3BFFAD 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 3BFFAD by changing the saturation by 10% instead.

 3BFFAD

 3BFFAD

FFFFFF

 00E292


 86FFE5

 00C578

 A7FFFF

 00A95F

 C7FFFF

 008D47

 E6FFFF

 00722F

 005819

 003F00

 002700

 000000

 3BFFAD

 3BFFAD

 21FFA2

 55FFB8

 08FF98

 6EFFC2

 00FF94

 88FFCD

 A1FFD8

 BBFFE2

 D4FFED

 EEEFF8

FFFFFF

Harmonies

Analogous

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



AEF572



3BFFAD



00FFF2

Triad

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



3BFFAD



87E2FF



FFB392

Complementary

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



3BFFAD



FF3B8D

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.



FFA6D1



3BFFAD



FEC8FF

Square

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



3BFFAD



00F6FF



FFAFFF



FFCC62

Rectangle

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



3BFFAD



00FFFF



FFAFFF



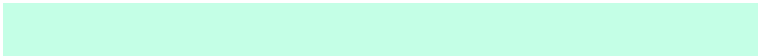
FFADA6

Sweetspot

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



3BFFAD



C4FFE6



90FF3B



5C8071



000000



808080

Same Dimension

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



3BFFAD



14FF9D



3BF2FF



73807A



00BF6F



004025

Inverse Universe

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



FF3B8D



FF1477



FF483B



807378



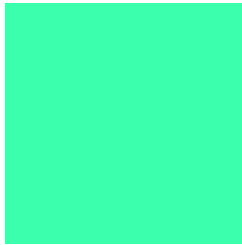
BF0050



40001B

Previews

White Background



This preview shows how the Hex color 3BFFAD looks on a white background.

Color Contrast Check

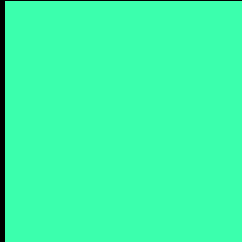
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 3BFFAD looks on a 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 3BFFAD Background



This preview shows how black text looks on a background with the Hex color 3BFFAD.

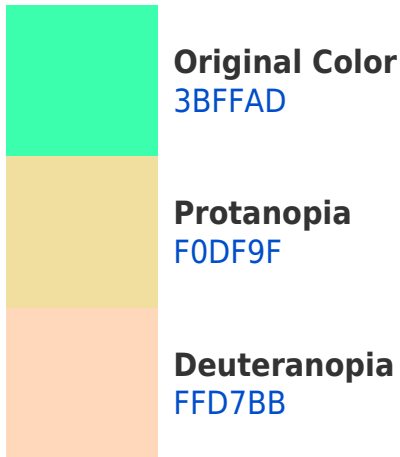


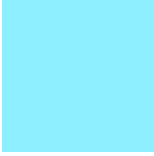
This preview shows how white text looks on a background with the Hex color 3BFFAD.

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](#).

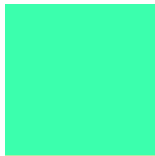
Dichromacy





Tritanopia
8DEFFF

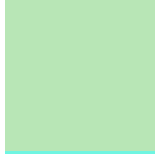
Trichromacy



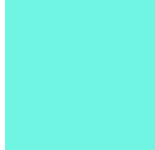
Original Color
3BFFAD



Protanomaly
AEEBA4



Deuteranomaly
B8E6B6

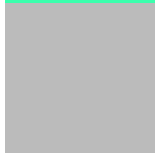


Tritanomaly
6FF5E1

Monochromacy



Original Color
3BFFAD



Achromatopsia
BBBBBB



Achromatomaly
8CD4B6

CSS Examples

Text

The CSS property to change the color of the text to Hex 3BFFAD 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 #3BFFAD looks like.

```
.text, #text, p{  
    color:#3BFFAD  
}
```

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 #3BFFAD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BFFAD
}
```

Border

The CSS property to change the border of an element to Hex 3BFFAD 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
#3BFFAD }
```

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

```
.border{ border-color:#3BFFAD }
```

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

Here you see how a box with a 4 pixel #3BFFAD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BFFAD; -webkit-box-shadow:4px 4px  
4px 4px #3BFFAD; box-shadow:4px 4px 4px  
4px #3BFFAD }
```

Background

The CSS property to change the background color of an element to Hex 3BFFAD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BFFAD }
```

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

```
.background{ background-color:#3BFFAD }
```

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