

# Converting Colors

Hex(3AFC6B)

Have a look what the booklet for  
Hex(3AFC6B) contains.

<b>Hex(3AFC6B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(3AFC6B)

# Conversions

## Conversions Part 1

Format	Color
Hex	3AFC6B
RGB	58, 252, 107
RGB Percent	23%, 99%, 42%
CMY	0.7725, 0.0118, 0.5804
CMYK	0.77, 0.00, 0.58, 0.01
HSL	135°, 97%, 61%
HSV	135°, 77%, 99%
XYZ	39.2092, 71.5819, 25.6601
YIQ	177.4640, -69.0790, -86.2230

# Conversions

## Conversions Part 2

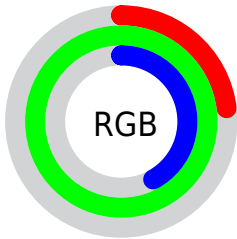
Format	Color
<a href="#">RYB</a>	<a href="#">58, 213, 252</a>
Decimal	<a href="#">3865707</a>
CIELab	<a href="#">87.77, -75.06, 55.37</a>
CIELCh	<a href="#">88, 93.276, 143.585</a>
Yxy	<a href="#">71.5819, 0.2873, 0.5246</a>
Android (android.graphics.Color)	<a href="#">4282055787 (0xFF3AFC6B)</a>
YUV	<a href="#">177.4640, -34.7388, -104.7699</a>
Hunter-Lab	<a href="#">84.6061, -65.3380, 41.2423</a>

# Details

The Hex color **3AFC6B** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed spring green. A complement of this color would be **FC3ACB**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **86FFA2**, and **00C234** is the 20% darker color. If you saturate the color by 10%, you get **21FC58**, and if you desaturate by 10%, it is **53FC7E**.

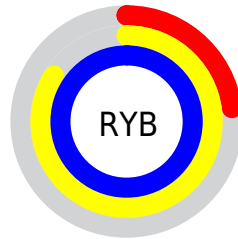
# Distribution



Red (23%)

Green (99%)

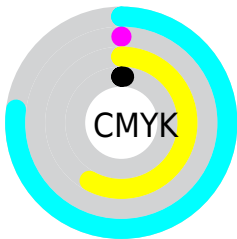
Blue (42%)



Red (23%)

Yellow (84%)

Blue (99%)

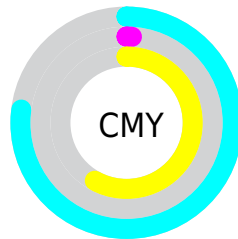


Cyan (77%)

Magenta (0%)

Yellow (58%)

Black (1%)



Cyan (77%)

Magenta (1%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3AFC6B 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 3AFC6B by changing the saturation by 10% instead.



 3AFC6B

 3AFC6B

FFFFFF

 00DF50

 86FFA2

 00C234

 A7FFBE

 00A614

 C7FFDB

 008A00

 E7FFF8

 006F00

 005500

 003C00

 002200

 000000

 3AFC6B

 3AFC6B

 21FC58

 53FC7E

 08FC45

 6CFC91

 00FC40

 86FCA4

 9FFCB6

 B8FCC9

 D1FCDC

 EAFCEF

 FFFCFF

# Harmonies

## Analogous

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



C2EC02



3AFC6B



00FC5

# Triad

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



3AFC6B



00ECFF



FF889B

# Complementary

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



3AFC6B



FC3ACB

# 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.



FF81F3



3AFC6B



B3CDFF

# Square

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



3AFC6B



00FEFF



FFA3FF



FFAC4A

# Rectangle

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



3AFC6B



00FFFF



FFA3FF



FF81B8

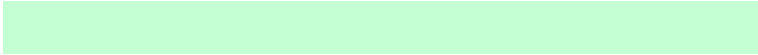


# Sweetspot

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



3AFC6B



C4FFD3



CCFC3A



5C8065



000000



808080



# Same Dimension

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



3AFC6B



14FF50



3AFCCC



707D74



00BD30



003D0F



# Inverse Universe

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



FC3ACB



FF14C4



FC3A6A



7D707A



BD008D

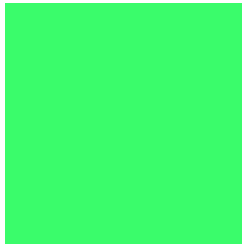


3D002E



# Previews

## White Background



This preview shows how the Hex color 3AFC6B 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 3AFC6B 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 3AFC6B Background



This preview shows how black text looks on a background with the Hex color 3AFC6B.

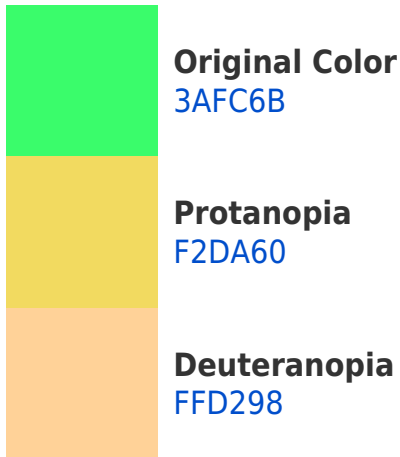


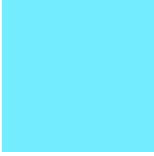
This preview shows how white text looks on a background with the Hex color 3AFC6B.

# 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](#).

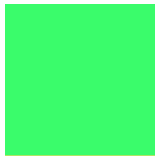
## Dichromacy





**Tritanopia**  
74ECFF

# Trichromacy



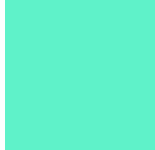
**Original Color**  
3AFC6B



**Protanomaly**  
AFE664



**Deuteranomaly**  
B7E188

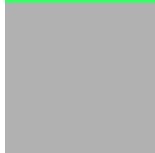


**Tritanomaly**  
5FF2C9

# Monochromacy



**Original Color**  
3AFC6B



**Achromatopsia**  
B1B1B1



**Achromatomaly**  
86CC98

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3AFC6B 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 #3AFC6B looks like.

```
.text, #text, p{  
    color:#3AFC6B  
}
```

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 #3AFC6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3AFC6B
}
```

## Border

The CSS property to change the border of an element to Hex 3AFC6B 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
#3AFC6B }
```

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

```
.border{ border-color:#3AFC6B }
```

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

Here you see how a box with a 4 pixel #3AFC6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3AFC6B; -webkit-box-shadow:4px 4px  
4px 4px #3AFC6B; box-shadow:4px 4px 4px  
4px #3AFC6B }
```

# Background

The CSS property to change the background color of an element to Hex 3AFC6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3AFC6B }
```

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

```
.background{ background-color:#3AFC6B }
```

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