

Converting Colors

Hex(3FC469)

Have a look what the booklet for
Hex(3FC469) contains.

Hex(3FC469)	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(3FC469)

Conversions

Conversions Part 1

Format	Color
Hex	3FC469
RGB	63, 196, 105
RGB Percent	25%, 77%, 41%
CMY	0.7529, 0.2314, 0.5882
CMYK	0.68, 0.00, 0.46, 0.23
HSL	139°, 53%, 51%
HSV	139°, 68%, 77%
XYZ	24.3396, 41.5565, 20.1030
YIQ	145.8590, -50.0570, -56.4970

Conversions

Conversions Part 2

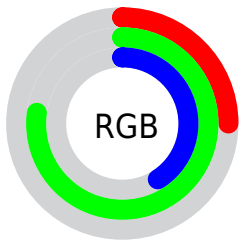
Format	Color
RYB	63, 164, 196
Decimal	4179049
CIELab	70.56, -55.61, 35.36
CIELCh	71, 65.900, 147.545
Yxy	41.5565, 0.2830, 0.4832
Android (android.graphics.Color)	4282369129 (0xFF3FC469)
YUV	145.8590, -20.1435, -72.6673
Hunter-Lab	64.4644, -45.4169, 26.6357

Details

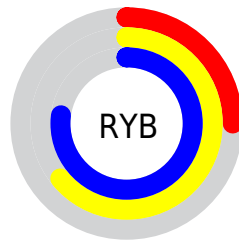
The Hex color **3FC469** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **C43F9A**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **7EFE9E**, and **008D37** is the 20% darker color. If you saturate the color by 10%, you get **2BC45C**, and if you desaturate by 10%, it is **53C476**.

Distribution



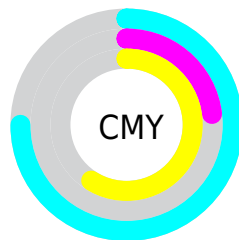
- Red (25%)
- Green (77%)
- Blue (41%)



- Red (25%)
- Yellow (64%)
- Blue (77%)



- Cyan (68%)
- Magenta (0%)
- Yellow (46%)
- Black (23%)



- Cyan (75%)
- Magenta (23%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3FC469 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 3FC469 by changing the saturation by 10% instead.

 3FC469

 3FC469

FFFFFF

 12A850

 7EFE9E

 008D37

 9CFFB9

 00721F

 B9FFD5

 005904

 D7FFF1

 004000

 F5FFFF

 002900

 000400

 000000

 3FC469

 3FC469

 2BC45C

 53C476

 18C44E

 66C484

 04C441

 7AC491

 00C43E

 8DC49F

 A1C4AC

 B5C4B9

 C8C4C7

 DCC4D4

 EFC4E2

Harmonies

Analogous

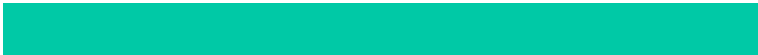
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95B938



3FC469



00C9A6

Triad

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



3FC469



00B5FF



FF7B79

Complementary

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



3FC469



C43F9A

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.



FF74B4



3FC469



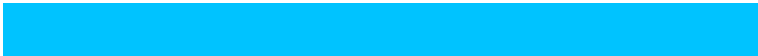
A49FFF

Square

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



3FC469



00C3FF



F185EE



FD9147

Rectangle

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



3FC469



00C9CF



F185EE



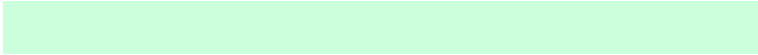
FF768C

Sweetspot

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



3FC469



CCFFDC



9CC43F



61806B



000000



808080

Same Dimension

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



3FC469



30FF72



3FC4A9



57615A



00A133



00210A

Inverse Universe

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



C43F9A



FF30BE



C43F5A



61575E



A1006E



210017

Previews

White Background



This preview shows how the Hex color 3FC469 looks on a white background.

Color Contrast Check

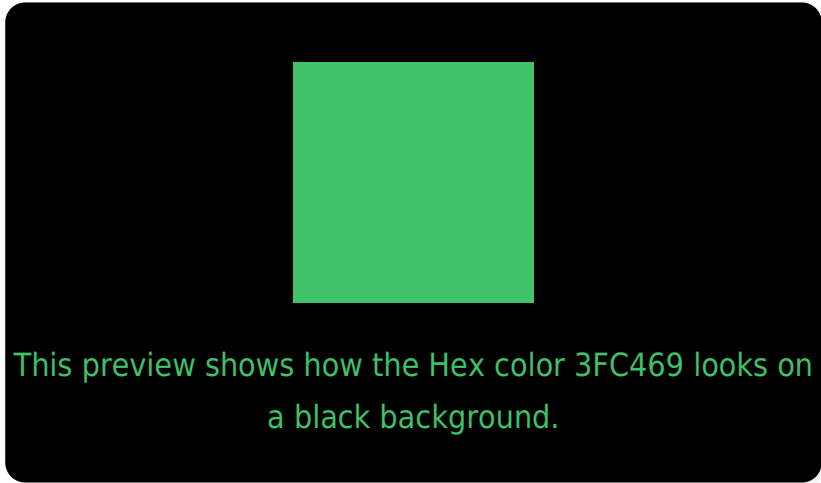
Large Text (above 18pt) WCAG AA × Fail

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

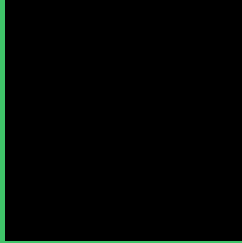
Any Text WCAG AA ✓ Pass

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 3FC469 Background



This preview shows how black text looks on a background with the Hex color 3FC469.

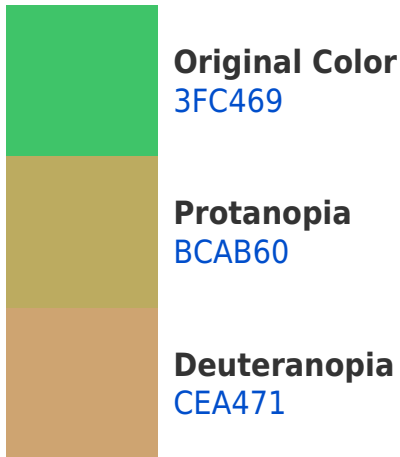


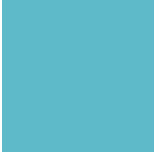
This preview shows how white text looks on a background with the Hex color 3FC469.

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
5EB9C8

Trichromacy



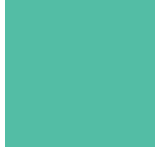
Original Color
3FC469



Protanomaly
8FB463



Deuteranomaly
9AB06E



Tritanomaly
53BDA5

Monochromacy



Original Color
3FC469



Achromatopsia
929292



Achromatomaly
74A483

CSS Examples

Text

The CSS property to change the color of the text to Hex 3FC469 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 #3FC469 looks like.

```
.text, #text, p{  
    color:#3FC469  
}
```

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 #3FC469 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FC469
}
```

Border

The CSS property to change the border of an element to Hex 3FC469 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
#3FC469 }
```

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

```
.border{ border-color:#3FC469 }
```

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

Here you see how a box with a 4 pixel #3FC469 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FC469; -webkit-box-shadow:4px 4px  
4px 4px #3FC469; box-shadow:4px 4px 4px  
4px #3FC469 }
```

Background

The CSS property to change the background color of an element to Hex 3FC469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FC469 }
```

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

```
.background{ background-color:#3FC469 }
```

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